



ABERCROMBIE & FITCH CO., NEW YORK.

Our Free Delivery Offer

EVERY article in this catalog that bears the A. & F. Company trade-mark (☉) just before the price, will be delivered to you free anywhere in the United States. On articles that can be delivered by Parcel-Post this offer is also extended to Alaska, Panama Canal Zone, Guam, Philippine Islands, Porto Rico, Dominion of Canada, and United Kingdom of Great Britain.

While the goods thus marked are chiefly of the character that will be delivered by Parcel-Post, we reserve the right to ship by other means.

Free Delivery on Bulk Purchases

On articles *not* marked to be delivered Free, we will, however, make Free Delivery in the United States if the distance from New York is not too great and the amount of your purchase is large enough to warrant. On all such purchases our Free Delivery Offer is as follows:—

Within 50 miles of New York, purchases amounting to	\$5.00
Within 150 miles of New York, purchases amounting to	8.00
Within 300 miles of New York, purchases amounting to	10.00
Within 600 miles of New York, purchases amounting to	20.00
Within 1,000 miles of New York, purchases amounting to	30.00
Within 1,400 miles of New York, purchases amounting to	50.00
Within 1,800 miles of New York, purchases amounting to	75.00
More than 1,800 miles from New York, purchases amounting to	100.00

We do not deliver free, canoes, stoves, Winchester arms, animal traps, clay pigeons, portable houses or articles of great bulk.

Our Guarantee

We guarantee our goods. We guarantee their safe arrival. We guarantee your satisfaction

These guarantees are made broad and intended to positively assure your satisfaction.

It is a simple matter to guarantee the goods—most reputable houses will stand back of their merchandise. This means that the goods are exactly as represented and that the description given are accurate and true. **But beyond that is a question of your SATISFACTION.** You might buy a garment and upon its arrival find it lighter or heavier than you expected. If you should, or if you ever receive anything from this house that does not meet the proper requirements you have in mind, or does not suit you in every particular, it may be returned without apology, and we will gladly refund its purchase price and transportation charges. If you ever find it necessary to return anything, see directions regarding return shipments on its side back cover of this catalog.

Our guarantee of **safe arrival** insures the goods reaching your hands in perfect condition. We ask you to accept nothing damaged or broken. We save you the annoyance of making claims against the transportation companies and the lengthy and annoying adjustment which follow. We ask you to simply write upon your receipts to the express or freight companies that the goods were received in damaged condition and notify us at once. We will replace the goods without delay, for we do not consider our responsibility ended until the goods have reached you **safely** and you are **satisfied**.

Perfect Store Service at Your Home

It is our aim to place before you all the goods that an outdoor man or woman can possibly need; to describe and illustrate these fully so that in the quietness of your home, where you can leisurely make comparisons, you will have spread before you the greatest assortment of sporting goods in the world; and to so arrange our business methods that you may write an order, mail it, and in a few days receive the goods as satisfactorily as though you visited our store.

Complete instructions How to Order, How to Send Money, and How to Return Goods, will be found on inside back cover. Order blanks will also be found in the back of the book.

ABERCROMBIE & FITCH CO., 53-55-57 West 36th St., New York

The Peace of the Woods

AWAY from strife—away from the city's nervous activities—away in the woods where Nature uses the trees and the lakes to provide us with the great lessons of the Universe, there is a restful sojourn awaiting you.

The annual invitation that comes down from Maine and New Brunswick, from the big Northwestern woods, from the trails in Wyoming and the canebrakes of the South, this year will find many a tired business man unusually ready to hear the call.

If you want to take a peek through the window, out into the great health-building, nerve-restoring woods where sportsmen learn to value the friendship of sportsmen, look through the pages of this catalogue. It will remind you of the days to come filled with the greatest enjoyment you know.

We have collected in this catalogue, incompletely as a matter of fact, goods which bear a peculiar message to those of us whose hobbies run to the wild spots in the world.

Our object in issuing this Outfitters' Catalogue is to enable the customer living at a distance to make the selections and purchases with just as much confidence in the result as the resident of New York, who comes into the store and personally examines and selects.

As the executive head of this business, I ask you to write me personally if you should ever feel dissatisfied in any respect. If the service is not what you, as a sportsman, think it should be; if the quality or wear of goods does not fully meet your expectation, or if you find that what you get is not what you thought it would be, write me and I will see that you are satisfied.

Please feel that you are dealing with sportsmen who fully appreciate your point of view. These goods have all been made for you with your point of view in mind. That is the quality that makes them the recognized, thoroughbred sporting goods of the world.

I personally know every piece of merchandise in these pages—it couldn't get in if I did not. And every single article has my personal endorsement, plus the Abercrombie & Fitch guarantee; which means your money back willingly for anything that is not satisfactory for any reason whatsoever.

This business has grown to such proportions that it is impossible to include every article in the Abercrombie & Fitch stock in one catalogue as formerly. We issue at seasonable times other catalogues on sporting subjects and we shall be glad to supply you with such of these as may interest you.

53-55-57 West 36th St., New York.

ABERCROMBIE & FITCH CO.

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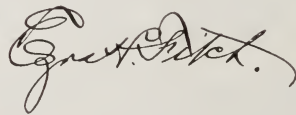
Reserving the Right to Revise Prices

THE prices quoted in this catalogue are given with the good faith which always has governed the transactions of this house. They are correct at the time of going to press.

Owing to conditions created by the European War, the costs of materials are changing with unusual rapidity, and we must protect ourselves and you by reserving the right to change these prices at any time *without notice*, to conform to any increase in cost.

Wherever prices are thus necessarily changed, it will be done with the moderation required by our interest in our customers.

ABERCROMBIE & FITCH CO.,

A handwritten signature in cursive script, reading "Ernest A. Fitch".

President.

CAMPING

Through all the great range of sport with rod or gun, the pursuit of fur, feather or fin, there is a kindred note—a basic principle—which underlies the specific purpose the sportsman has in mind. Camping out is the thing after all. Whether a man be after a bird or bear, trout or caribou; whether his weapon be rifle, shotgun or jointed rod, the cool, clean four walls of his nomadic habitation embrace all the best moments of his playtime days. The camp, the tent, the bit of shelter in the middle of a great silence, with the ocean-wide possibilities of the wilderness all around it—that is where the plans are made, the quarry gloated over, the day's sport re-lived, the stories told, the friendship cemented. That is where the real big blissful moments of the truant-time freedom are drunk into the very soul. Camper, hunter, fisherman, canoeist, all are tent dwellers—all are campers first—all follow their chosen sport as an incident. First of all they camp out, live—really live—in the clean, wide, free sweep of an unbounded horizon, breathe an untainted air, limitless as the sky itself, and revel in a freedom that nothing else can give—a keen, stimulating, uncloying pleasure that thrills to the bone, and then builds bone, sinew and muscle, and makes blood, strength and fire, repairing the waste of months and years of toil and worry. That is why the most famous physicians use the tent and camp life as their favorite prescription, giving happiness and lengthening life thereby.

Get out in the open—live in a tent and save your life—take the tonic that Nature put for you into the wind, the sky, the sunshine, the smell of the earth, the rain, the spices of the pine and hemlock odors, the salt of the sea, the ozone of the great out of doors, which no contrivance of man can duplicate, or even imitate.

Take it—it's yours—a king can have no more.

There's a bit of Paradise, only one mile, or five miles, or ten miles at the most from the cramped little spot where you sit at this moment breathing an air tainted and burdened with the worries, fears and bitternesses of the past few years. Your trials, your sorrows and disappointments are ground into the walls around you, stamped into the floors you walk on, woven into all the too familiar things you see every day.

Run away to this bit of Paradise, pitch your tent there—and live. The soft, warm air from woods and fields will soak into the kernels of your being as you loaf before your tent door and watch the little forest creatures which come to the edge of the clearing to investigate your camp. A steady flow of strength, of warm, pulsing, revivifying, fluidic electrons will rise from the warm earth beneath you and give you a new vitality. You, who sleep badly now, will drowse even in the daytime. When it rains you will nestle dry and warm in your blankets, hearing the quick patter on your canvas walls, on the leaves outside, and feel the added freshness, the sweet, wild unrest in the air that makes you years younger as it makes the growing things younger and more vigorous and more beautiful.

And when the soft black night comes, you sit outside your tent and smoke an old pipe, while the shadows melt together through the lofty arches of the trees and form a dusky, protecting curtain which rests your eyes and brain and soul.

Then some one lights a big, yellow moon for you and it sails grandly up the sky over the tree tops. The little stars peep out and twinkle funny, friendly eyes at you, and all the little night noises begin soft and confidential, and whisper of a peaceful world that has been for years just waiting for you to take your proper place in it. The crickets sing, the big pines croon an anthem—away off yonder a hound dog sends a note ringing like a bell across a valley for you to hear and revel in. A night bird adds a minor note that brings up all the clean, foolish, almost painful thoughts that you used to tingle with when you were twenty and when you knew that you would reach out next year and take your heart's desire. You are cleansed down to simple, uncomplicated manhood in an hour, and there are no problems, no questions, no doubts. You have absorbed the mighty, irresistible Peace of Outdoors, the most splendid thing in the world, and you crawl into your sleeping bag, soft as a feather bed, and sleep as you were meant to sleep, all in a childlike, untroubled happiness.

You don't have to shoot or fish. The camp, the tent, the big rim of the horizon, the trees, the grass and the open air, that's all you want.

If you don't know quite what to select, write and ask us. Tell us just where you want to go and when—we will suggest a suitable and inexpensive equipment. We will tell you what clothing, what foods, what cooking utensils to take, and explain their use.

Your bit of Paradise is always within reach if you only knew it.

The best part of it is that it is less expensive than staying at home. You can get a tent complete for \$10.00, and if your tastes are simple you can outfit yourself cap-a-pie with a cooking outfit and good supply for less than \$20.00. Or you can be as sinfully luxurious as you like. The main thing is to go—go out into the big air spaces—wrap your lungs about the life-giving gusts of sun-flavored ozone, which the sky pours down for you—drink it in through the little capillary lungs of your skin, seize on your birthright of earth contact—strip the rags of custom from your soul and take time for once to know yourself as you really are.

There are six varieties of camping which we divide into the Permanent Camp and five varieties of the Nomadic or Traveling Camp. We classify the five latter varieties as CANOE, PACK HORSE, TRAMPING, FOREST CRUISING AND AUTOMOBILE CAMPING. Each of these five varieties of the movable camp call for a somewhat different equipment, particularly as regards tents. We make these divisions according to the means of travel which the camper intends to employ, because they are the most commonly in use in this country. We might add two other divisions such as WAGON TREK-KING IN SOUTH AFRICA and TRAVELING BY DOG SLED IN THE FAR NORTH. The character of equipment of these two latter divisions varies so widely, according to the purpose the sportsman has in mind, that it is difficult to name a special outfit to fit all purposes. We have a fund of information in reference to these sports and will be glad to give the benefit of our experience in the preparation of these outfits to any one interested upon request.

The PERMANENT CAMP may be as simple or as elaborate as the campers wish. Whole families often live in the open in perfect comfort, large parties, including ladies and children, being easily accommodated with all the little accessories to comfort and individual taste to which they are accustomed. Those seeking health or rest can find no sounder foundation than camp life. The style of tent usually

selected for permanent camps, is the Wall Tent or Family Compartment Tent, the size and materials of this shelter being determined by the distance of the camp from the highway, the character of transportation necessary, the number in the party, the sort of country, the climate and the time of year. A camp may be made almost a permanent home, all sorts of camp furniture, chairs, hammocks, etc., being readily obtainable. The bulk of the outfit need not be seriously restricted by transportation reasons since only two trips have to be made, one in and the return trip out. Whether the camp be permanent or nomadic, the first thing to be considered is the Tent, the house, then food to be carried or taken along, the sleeping bags, fourth the cooking outfit, camp furniture, axes and other simple camp accessories. These we catalog in all their various forms under the proper headings.

CANOE

In canoe transportation the choice of the outfit must be determined by, first of all, the kind of waterway to be traversed. The second consideration is the length and number of the portages or carries over land between passable waterways. Third comes the amount of duffle, or camp and personal equipment—this dependent again on the objective and the duration of the trip. The first essential is the selection of the right canoe. Lake travel calls for one model, river work another, both must be modified by the amount of equipment to be carried. On getting exactly the right canoe largely depends the success or failure of the trip from the standpoint of pleasure. We particularly pride ourselves on being specialists in this branch of sport.

Our canoes are comprehensive of all types and models which have proven best in the various localities where the paddle reigns supreme. There is a specific model for each purpose and there are sound, absolute, definite reasons why that sort of canoe and no other must be used, for that purpose. This is not the result of guess-work, but the experience of the best-known canoeists and guides. The locality for a canoe trip may be easily selected. Maps of such localities and information concerning them are furnished by Passenger Agents of Railroads and Steamship Companies. We have ourselves a vast fund of data on trips over the well-known waterways and the little frequented lake and river trails. Our customers are constantly adding to this new and most interesting matter, which we will gladly furnish you on request.

PACK-HORSE

Invading the wilderness by pack-horse is a method employed by thousands yearly and its range is so wide as to prevent discussion here through lack of space. Practically the entire continent is open to this form of adventure and its variations are wide in the extreme. For admirable, complete and delightful information we refer you to "CAMP AND TRAIL," by Stewart Edward White, a master of the subject, whose personal experiences are most valuable and instructive. His data on the various outfits and what Not to take is most ample. We will send you this volume, postpaid, for \$1.25, or you may get it through your own book dealer for the same price.

Our pack-horse outfits are famous among Forest Travelers. Mr. White himself, and the most noted hunters and explorers, all have visited us for supplies, and have themselves contributed to the extent and perfections of the articles and accessories made exclusively by us for this purpose. These are described and illustrated in subsequent pages.

TRAMPING

Tramping may be placed in two divisions—ROAD TRAMPING and FOREST CRUISING. The former comprehends walking tours through foreign countries as well as in this country, the traveler carrying all his baggage on his back, but stopping at the nearest hotel or inn wherever night overtakes him. This recreation is in itself a splendid sport and opens vistas of wide possibilities to those who wish to cover a country thoroughly, becoming intimately acquainted with its physical details, the habits and characteristics of its people. It is particularly popular with clergymen and college professors of whom we outfit hundreds every year for tramping tours through our own and other countries, and the pedestrian needs but his walking suit, which, however, must be carefully chosen for the purpose, a change of underwear, a few toilet accessories and a waterproof garment all carried in a ruck sack, which he packs on his back. These we catalog elsewhere as well as a wide choice of garments made especially for this purpose.

FOREST CRUISING

He who adventures into the big timber must look well to his choice of an outfit. Tent, food, sleeping bag, cooking outfit, axe and camp conveniences must be carried on his back and as an added weight comes the gun of his choice with ammunition. This weight he must bear day after day, often through almost impassable country where the effort necessary to going forward alone is a quite sufficient strain without that of a single unnecessary ounce on his shoulders. His tent, his home, must be chosen with scrupulous care. It must be exactly right, the tent for the country he will visit; a mistake may mean sickness, surely discomfort and a trip spoiled. His clothes must be the right weight and texture, depending on the climate. The selection of food is a serious problem. Too much means discomfort and fatigue—too little means hunger, perhaps privation. We solicit correspondence on this subject. The fisherman has similar problems which interest us equally as much. We catalog light, convenient and easily carried articles of camp equipment, for one or more persons for various lengths of time, and the best forms of clothing for forest travel.

AUTOMOBILE CAMPING

This is the very newest out-of-door sport and the complete outfits of its originators were designed and built by us. We catalog automobile tents, sleeping bags, cooking outfits, food outfits, in a word, complete automobile camping outfits which will enable the owner of a touring car to take a party for a trip completely across the continent without being dependent on hotels or even stores for accommodation or food supply. It is a splendid sport and the mobility of the motor car gives a marvelous travel range to those who engage in it.

We will mail, upon request, a catalogue, "Automobile Trekking and Camping," which will give you a comprehensive idea of the necessary equipment.

TENT MATERIALS AND CONSTRUCTION

TANALITE AND EMERALITE

The best materials for light-weight waterproof tents. These two materials are exactly alike, except that one is dyed a khaki color and the other a deep emerald green.

Tanalite and Emeraldite are exclusively our own, sold by no one else, made by us and subjected for the past few years to the most severe tests that can be devised. The dyeing process is the same as used by the government in making their khaki and colors are guaranteed to stand the regular government tests as to fastness. Both colors are absolutely waterproof, very light in texture, will fold perfectly and have great tensile strength.

Tanalite and Emeraldite are made of extra long staple sea island cotton. This strength makes heavy weights of material unnecessary.

BALLOON SILK

We consider this the second best tent material—it is only excelled by Tanalite. Balloon Silk is not a genuine silk. The name given this material is a trade name, due to the silky appearance of the material after it is made up. The yarn used in weaving it is made of long staple sea island cotton. After it is waterproofed, the pores are thoroughly filled and we guarantee it absolutely water-tight. It is particularly adapted for small and extra light weight tents.

VERDALITE

This is the same material as Balloon Silk but treated by an entirely different process.

The treatment does not include any paraffine or wax used in Balloon Silk, and while it is not as waterproof as Balloon Silk, it is much softer and more durable and is not affected by heat or cold.

VERDALITE is light green in color, rot, mildew and waterproof, and vermin will not attack it.

We recommend its use in extra hot or cold countries.

Price same as Balloon Silk.

DEFENDO DUCK

This duck is specially woven for us, white in color, the yarn being double and twisted both ways—made to conform to the United States Army Standard and pass all government tests for tensile strength, etc.

We treat the duck by a special process which makes it mildew and vermin and waterproof, increases its tensile strength and makes it last very much longer than the plain army duck.

We carry DEFENDO DUCK in three weights—8, 10 and 12 ounce.

When flies are required for hot climate we recommend the fly made of our PROTECTO DUCK which is khaki in color, being a great protection against the rays of the sun. We recommend DEFENDO DUCK tents as being the strongest and most durable white tents on the market.

PROTECTO DUCK

This material is khaki in color. The yarn is double and twisted both ways, as in the Defendo

Duck. It is the very highest and best grade of duck on the market. It is dyed khaki color to conform to United States Government standard and is then treated with a special treatment which makes PROTECTO DUCK waterproof, sunproof, mildew, rot and vermin proof and if one is not considering weight, we recommend it as the best, most serviceable and satisfactory tent material made.

SPECIAL WATERPROOF

Our special waterproof is lighter in weight than the Army Duck. It is made with twill weave which is tighter than the regular duck weave. The material is then waterproofed so that it can be used without a fly. This material will give a greater protection than regular Army Duck with much less weight. You will note, however, by comparison of the weights of the finished tents, that it is the intermediate weight between army duck and balloon duck—our Tanalite being lighter than any other material.

To those interested we will be pleased to forward samples and prices of these, together with any of our other materials.

We will gladly furnish estimate on any style tent built on specifications and designs furnished by customer.

HOW WE MAKE OUR TENTS

SEAMS.—On all our light-weight tents we reinforce every seam with strong tape stitched in the seam. This not only makes a perfect seam, but relieves a great part of the strain from the cloth itself, consequently making the tent much stronger. For the same reason we use narrow widths or breadths of cloth which also serve to hold the tent from sagging and stretching out of shape.

REINFORCEMENT.—All our tents are strongly reinforced with extra material at the eaves, along the bottom, across the ridge and at all corners.

EYELETS.—In none of our regular tents do we use grommets or any form of machine clamped eyelets as is customary with most makes. For the eyes on ridge and for all stops, beackets and guys we use only steel rings, galvanized to prevent rust, set in and sewed by hand with waxed thread.

SLIDES.—The old style wooden slides, usually seen on tents other than our make, were always causing continued trouble and annoyance by splitting from the weather or breaking from strain. We have discarded them entirely and use our patented metal slide, rustproof and unbreakable (see page 113) except on "Tanalite" and Balloon Silk Tents, on which we omit them and save weight. We will, however, include them if desired without charge.

FINISHING.—Every tent after it leaves the machines goes to a separate department for finishing. Here the rings and eyelets are worked in, the beackets adjusted, guys attached and stops put in—all by hand and by the most expert workmen.

INSPECTION.—Before each tent leaves the shop it is carefully gone over and thoroughly inspected for possible flaws or faulty work, measured and checked for size and material and our tag, the guarantee of quality, attached.

WATERPROOF WALL TENTS



All our waterproof wall tents are furnished with tape ridge and extra tape loops sewed on top of the tent at each seam so that when desired ridge poles may be dispensed with and the tent suspended on a rope, tied between trees.

TANALITE AND EMERALITE WATERPROOF

Khaki and deep Emerald Green color; see page 5 for full description of this material.

Order No.	Size		Height		Lbs. W'ght of Tent	Price of Tent	Stakes Needed	Extra for Poles and Stakes
	Width	Depth	Center	Wall				
4A2000	7	x 7	7	2	10	\$26.50	33	\$1.50
4A2001	7	x 8½	7½	3	13	30.25	33	1.60
4A2002	8½	x 8½	7½	3	14	33.85	33	1.60
4A2003	8½	x 10	7½	3	16	36.75	43	1.90
4A2004	8½	x 11½	7½	3	17	39.75	47	2.05
4A2005	10	x 10	8½	3½	19	43.85	45	2.00
4A2006	10	x 11½	8½	3½	21	47.35	47	2.15

Price includes khaki tent bag, sod cloth and tape ridge.

VERDALITE AND WATERPROOF BALLOON SILK

For description of material, see page 5.

Order No.	Size		Height		Lbs. W'ght of Tent	Price of Tent	Stakes Needed	Extra for Poles and Stakes
	Width	Depth	Center	Wall				
4A3000	7½	x 7½	7	2	10½	\$19.30	33	\$1.50
4A3001	7½	x 8¾	7½	3	13¾	22.10	37	1.60
4A3002	8¾	x 8¾	7½	3	14¾	24.50	39	1.60
4A3003	8¾	x 10¾	7½	3	16½	26.65	43	1.90
4A3004	8¾	x 11¾	7½	3	17¾	28.80	47	2.05
4A3005	10¾	x 10¾	8½	3½	20	31.65	45	2.00
4A3006	10¾	x 11¾	8½	3½	22¼	34.15	49	2.15

Price includes standard tent bag, sod cloth and tape ridge.

SPECIAL WATERPROOF

For description of material, see page 5.

Order No.	Size		Height		Lbs. W'ght of Tent	Price of Tent	Stakes Needed	Extra for Poles and Stakes
	Width	Depth	Center	Wall				
4A4000	7½	x 7½	7½	3	17½	\$10.15	22	\$1.40
4A4001	7½	x 9½	7½	3	21	11.95	26	1.60
4A4002	9½	x 11½	8½	3½	29½	16.10	31	2.00
4A4003	9½	x 14¾	8½	3½	34	18.25	35	2.25
4A4004	11½	x 11½	9½	4	36½	19.80	34	2.10
4A4005	11½	x 14¾	9½	4	40	21.95	38	2.35
4A4006	11½	x 16¾	9½	4	46	24.15	42	2.75

Price includes standard tent bag and tape ridge.

DUCK WALL TENTS



Made of Defendo and Protecto Duck in 8, 10 and 12 oz. weights. This duck is the grade used by the government—the best made and water, mildew, rot and vermin proof—and should not be compared with any cheaper grade. For full description of these ducks see page 5.

The Protecto Duck is particularly comforting to the eyes where the tent is erected in sunny locations. As you will notice by the illustration, the fly extends a liberal distance over the eaves which gives protection to the side walls in a driving rain. Color is guaranteed fast in all our Protecto Duck tents.

PROTECTO DUCK TENTS

For full description of Protecto Duck see page 5.

Width	Depth	Height		Price 8 oz.	Price 10 oz.	Price 12 oz.
		Center	Wall			
7	x 7	7½	3	\$16.40	\$18.50	\$20.60
7	x 9½	7½	3	19.60	22.15	24.75
9½	x 9½	8½	3½	23.95	26.60	30.45
9½	x 12	8½	3½	26.95	30.60	34.25
9½	x 14	8½	3½	31.25	35.50	39.75
12	x 12	9½	4	32.95	37.65	42.30
12	x 14	9½	4	36.50	41.65	46.80
12	x 16	9½	4	39.95	45.70	51.40
14	x 14	10½	4½	42.75	48.90	55.05
14	x 16	10½	4½	47.00	53.80	60.55
14	x 18	10½	4½	50.95	58.30	65.65

DEFENDO DUCK TENTS

For full particulars of Defendo Duck see page 5.

Width	Depth	Height		Price 8 oz.	Price 10 oz.	Price 12 oz.
		Center	Wall			
7	x 7	7	3	\$12.40	\$13.85	\$15.10
7	x 9½	7	3	14.55	16.25	17.75
9½	x 9½	8	3	17.95	20.15	22.05
9½	x 12	8	3	20.50	23.00	25.25
12	x 12	9	3½	24.90	28.00	30.80
12	x 14	9	3½	27.65	31.15	34.25
14	x 14	10	4	32.35	36.50	40.25
14	x 16	10	4	36.00	40.70	44.90
14	x 18	10	4	39.50	44.65	49.25
14	x 21	10	4	42.90	48.55	53.55
16	x 21	10	4	47.25	53.40	58.90
16	x 24	10	4	50.55	57.20	62.95

The above prices include poles, stakes, ropes and slides, complete, ready to set up, but do not include flies.

Flies made of same material as tent, extending well over eaves furnished for one half the price of tent.

Price for extra width or extra length flies furnished on application. Openings put in tents 14 feet deep or over at both ends without extra cost.

If higher walls than those listed are wanted, add 5 per cent. to the price quoted, for each additional 6 inches of wall.

For tent windows, sod cloth or ground cloth, etc., see page 14.

WATERPROOF BAKER TENTS



This type of tent is very popular with all sportsmen. The angle of the roof is such that it reflects the heat from the open camp fire downward. It is an ideal tent for timber country. Many sportsmen use this tent with a mosquito front during the time insect pests are troublesome—taking out the netting in cold weather and enjoying the open view of the camp fire blaze.

TANALITE AND EMERALITE—Waterproof
Khaki and deep Emerald Green colors. See page 5 for full description of this lightest tent material made.

Order No.	Size	Height	Lbs. W'ght of Tent	Price of Tent	Stakes Needed	Ridge, Four Uprights and Stakes Extra
	Width Depth	Front Back				
4A2009	3 x 7	4 1	5 1/2	\$13.50	18	\$1.70
4A2010	4 1/4 x 7	5 1 1/2	7 1/2	17.75	20	1.70
4A2011	5 5/8 x 7	5 1 1/2	8	21.00	22	1.80
4A2012	7 x 7	5 1 1/2	10	23.70	24	1.80
4A2013	7 x 7	7 2 1/2	12 1/2	23.40	24	2.00
4A2014	7 x 7	8 3 1/2	14	31.65	24	2.10
4A2015	8 1/2 x 7	7 2 1/2	14 1/4	31.60	26	2.20
4A2017	8 1/2 x 8 1/2	7 1/2 3	16 1/4	36.55	28	2.25
4A2019	10 x 8 1/2	7 1/2 3	18	40.05	30	2.40

Price includes sod cloth, tape ridge and khaki bag.

WATERPROOF "AMAZON" TENTS



The general shape and size of this tent is exactly the same as the Baker tent, but it has a front wall, which hinges at the two front corners and is caught in with snaps and galvanized steel rings along the ridge where it joins the fly. With this method of construction, the entire front can be unsnapped, and opened out, and snapped into rings along the outer edges of the fly—thus increasing the depth of the tent about one-half. In hot climates where insect pests are constant, part of the front can be left open and mosquito netting or bobbinet inserted in the door. We will attach the front permanently to the tent, if so desired, without extra charge.

TANALITE AND EMERALITE—Waterproof
Khaki and deep Emerald Green colors. See page 5 for full description of this lightest tent material made.

Order No.	Size	Height	Lbs. W'ght of Tent	Price of Tent	Stakes Needed	Ridge, Four Uprights and Stakes Extra
	Width Depth	Center Wall				
4A2020	7 x 7	8 4	16	\$36.10	30	\$2.15
4A2021	8 1/2 x 7	8 4	17 1/2	40.55	32	2.30
4A2022	10 x 7	8 4	19	45.15	34	2.45
4A2024	11 1/2 x 8 1/2	9 4	26 1/2	59.05	41	2.80
4A2025	12 1/2 x 8 1/2	9 4	29	65.40	44	3.00
4A2026	14 x 8 1/2	9 4	31 1/2	69.50	47	3.25

Price includes sod cloth, tape ridge and khaki bag.

VERDALITE AND BALLOON SILK

For description of material see page 5.

Order No.	Size	Height	Lbs. W'ght of Tent	Price of Tent	Stakes Needed	Ridge, Four Uprights and Stakes Extra
	Width Depth	Front Back				
4A3009	3 x 7 1/3	4 1	6	\$9.85	18	\$1.70
4A3010	4 1/3 x 7 1/3	5 1 1/2	8	13.25	20	1.70
4A3011	5 5/8 x 7 1/3	5 1 1/2	8 1/2	15.20	22	1.80
4A3012	7 1/3 x 7 1/3	5 1 1/2	10 1/2	17.05	24	1.80
4A3013	7 1/3 x 7 1/3	7 2 1/2	13	20.40	24	2.00
4A3014	7 1/3 x 7 1/3	8 3 1/2	14 1/2	22.80	24	2.10
4A3015	8 3/4 x 7 1/3	7 2 1/2	14 3/4	22.80	26	2.20
4A3017	8 3/4 x 8 3/4	7 1/2 3	16 3/4	26.35	28	2.25
4A3019	10 1/4 x 8 3/4	7 1/2 3	18 3/4	29.00	30	2.40

Price includes sod cloth, tape ridge and standard bag.

VERDALITE AND BALLOON SILK

For description of material, see page 5.

Order No.	Size	Height	Lbs. W'ght of Tent	Price of Tent	Stakes Needed	Ridge, Four Uprights and Stakes Extra
	Width Depth	Center Wall				
4A3020	7 1/2 x 7 1/2	8 4	16 3/4	\$26.20	30	\$2.20
4A3021	8 3/4 x 7 1/2	8 4	17 3/4	29.40	32	2.35
4A3022	10 1/4 x 7 1/2	8 4	20	33.95	34	2.55
4A3024	11 3/4 x 8 3/4	9 4	27 3/4	42.40	41	2.80
4A3025	13 1/4 x 8 3/4	9 4	30 1/4	46.50	44	2.90
4A3026	14 3/4 x 8 3/4	9 4	32 3/4	50.00	47	3.25

Price includes sod cloth, tape ridge and standard bag.

SPECIAL WATERPROOF

For description of material, see page 5.

SPECIAL WATERPROOF

For description of material see page 5.

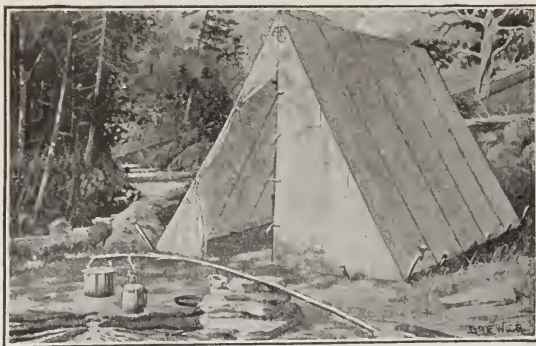
Order No.	Size	Height	Lbs. W'ght of Tent	Price of Tent	Stakes Needed	Ridge, Four Uprights and Stakes Extra
	Width Depth	Front Back				
4A4009	4 3/4 x 7 1/2	5 2	10	\$7.40	14	\$1.70
4A4010	7 1/4 x 7 1/2	7 2 1/2	15	10.15	16	2.00
4A4011	9 1/2 x 7 1/2	7 2 1/2	18	11.65	18	2.25
4A4012	9 1/2 x 9 1/2	8 3 1/2	25	15.05	20	2.30

Price includes standard bag and tape ridge.

Order No.	Size	Height	Lbs. W'ght of Tent	Price of Tent	Stakes Needed	Ridge, Four Uprights and Stakes Extra
	Width Depth	Center Wall				
4A4020	7 1/2 x 7 1/2	8 4	24	\$13.75	16	\$2.05
4A4021	9 1/2 x 7 1/2	8 4	27	16.40	18	2.25
4A4022	11 5/8 x 7 1/2	8 4	34	19.40	20	2.50
4A4023	9 1/2 x 9 1/2	9 4	34 1/2	19.40	20	2.35
4A4024	11 5/8 x 9 1/2	9 4	40	22.60	22	2.60
4A4025	14 1/2 x 9 1/2	9 4	45 1/2	25.60	24	2.80

Price includes tape ridge and standard bag.

WATERPROOF "A" TENTS



This type of tent is particularly adapted for easy shifting; the absence of side wall does away with the staking out of guy ropes and when the floor is pegged down, and poles are inserted, the tent is ready for occupancy. All tents of this style are equipped with tape ridge, making it possible to erect the tent without poles by attaching a piece of rope to the tape loops at the end of ridge and stretching tight between trees. This style of erection is shown in our picture of Baker tents.

TANALITE AND EMERALITE—Waterproof

Khaki and deep Emerald Green colors. See page 5 for full description of this lightest tent material made.

Order No.	Size		Height	Lbs. W'ght of Tent	Price of Tent	Stakes Needed	Ridge Pole Uprights and Stakes and Extra
	Width	Depth					
4A2034	3	x 7	4	4½	\$12.90	15	\$1.15
4A2035	4½	x 7	5	6	15.50	17	1.15
4A2036	7	x 7	7	8	22.10	22	1.30
4A2037	7	x 8½	7	9½	24.50	24	1.45
4A2038	8½	x 8½	8	12¼	29.40	24	1.60
4A2039	8½	x 10	8	13¾	32.20	26	1.75
4A2040	10	x 10	9	15	33.75	29	1.85

Price includes sod cloth, tape ridge and khaki bag.

VERDALITE AND BALLOON SILK

For description of material, see page 5.

Order No.	Size		Height	Lbs. W'ght of Tent	Price of Tent	Stakes Needed	Ridge Pole Uprights and Stakes and Extra
	Width	Depth					
4A3034	3	x 7½	4	5	\$9.30	15	\$1.15
4A3035	4½	x 7½	5	6½	11.15	17	1.15
4A3036	7½	x 7½	7	9	15.50	22	1.30
4A3037	7½	x 8¾	7	10	17.60	24	1.45
4A3038	8¾	x 8¾	8	12¾	21.10	24	1.60
4A3039	8¾	x 10¼	8	14½	23.10	26	1.75
4A3040	10¼	x 10¼	9	16¼	25.75	29	1.85

Price includes sod cloth, tape ridge and standard bag.

SPECIAL WATERPROOF

For description of material, see page 5.

Order No.	Size		Height	Lbs. W'ght of Tent	Price of Tent	Stakes Needed	Ridge Pole Uprights and Stakes and Extra
	Width	Depth					
4A4034	4¾	x 7½	7	10¾	\$7.00	11	\$1.20
4A4035	7½	x 7½	7½	14¼	8.35	13	1.30
4A4036	7½	x 9½	7½	16½	9.80	15	1.50
4A4037	9½	x 9½	8½	21	11.60	17	1.65
4A4038	9½	x 11½	8½	23½	13.65	19	1.85

Price includes standard bag and tape ridge.

WATERPROOF MASTIGOUCHE TRAPPERS' TENTS



Is designed for Trappers and fire rangers who move camp constantly, and must carry light shelter. Every well managed lumber company now appreciates the necessity of having their limits patrolled during the summer and fall by a well organized corps of fire rangers. This tent is preferably adapted for this work as rangers can travel in pairs and use the tent assembled in two sections, as illustrated below. When two of the tents are jointed with ridge and end they cover an area of 6½ ft. wide and 7 ft. long. Each ranger can carry his own tent. In case of separation each man will be provided with his own shelter. The flap shown on the single tent is used for a hood to make the peak water-tight and wind-proof.

IMPROVED MASTIGOUCHE TENT

We are now adding to the Mastigouche tent a reinforcing tape and 4 tape loops about 2 feet from the bottom on the roof seams; this allows the roof to be guyed out, and forms a small wall giving more room in the tent.

Improvement put on either style, \$1.00 each.

TANALITE AND EMERALITE—Waterproof

Khaki and deep Emerald Green colors. See page 5 for full description of this lightest tent material made. 4A2050 Size, 7 1-3x3¾ ft.; height, 4¼ ft.; weight, 3½ lbs. \$10.40

Price includes sod cloth, tape ridge and khaki bag.

VERDALITE AND BALLOON SILK

Same as the single tent shown above. For description of material, see page 5.

4A3050 Size, 7 1-3x3¾ ft.; height, 4¼ ft.; weight, 3¾ lbs. \$7.70

Price includes sod cloth, tape ridge and standard bag.

DOUBLE MASTIGOUCHE TRAPPERS' TENTS

This illustration shows two of the single tents set up in combination with ridge joined. The cost of this outfit is double the cost of the single tent.



WATERPROOF CANOE TENTS



A very convenient tent for traveling camp. The single pole is erected well forward leaving the floor space entirely clear or the "ridge" type can be used without a pole. The rounded front need not be pegged out in clear weather, in which case a guy rope should be thrown over the pole peak to hold the tent. Prices are the same for either style.

TANALITE AND EMERALITE

Order No.	Size of Rect'gle	Center	Wall	Weight	Price	Stakes Needed	Pole and Stakes
4A2073	7 x 4½	6	1½	7¼	\$19.45	20	\$.60
4A2074	7 x 6	7	2	9	23.50	22	.65
4A2075	7½ x 7½	7	2	10¼	25.50	31	.70
4A2076	8¾ x 7½	7½	3	12½	29.70	34	.75
4A2077	8¾ x 8¾	7½	3	13¾	33.55	36	.75

Price includes sod cloth, and khaki tent bag.

VERDALITE AND BALLOON SILK

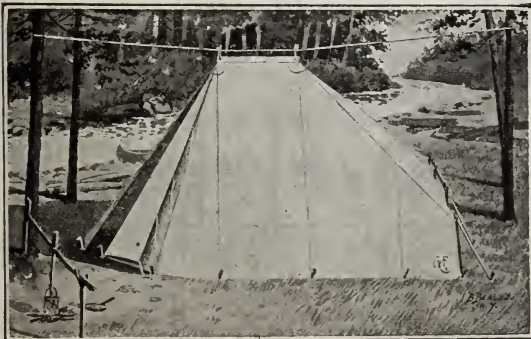
Order No.	Size of Rect'gle	Center	Wall	Weight	Price	Stakes Needed	Pole and Stakes
4A3073	7 x 4½	6	1½	7½	\$14.35	20	\$.60
4A3074	7 x 6	7	2	9½	17.05	22	.65
4A3075	7½ x 7½	7	2	10½	19.10	31	.70
4A3076	8¾ x 7½	7½	3	12¾	21.65	34	.75

Price includes sod cloth and standard tent bag.

SPECIAL WATERPROOF

Order No.	Size of Rect'gle	Center	Wall	Weight	Price	Stakes Needed	Pole and Stakes
4A4073	7 x 5	7	2	12	\$9.05	18	\$.55
4A4074	7 x 7	7	2	17	10.95	20	.60
4A4075	9½ x 7½	7½	3	21½	13.10	22	.65

Price includes standard tent bag.



CANOE TENT—RIDGE STYLE

WATERPROOF AUTOMOBILE TENTS



The center of the rear wall is made to guy to steering wheel of the car, the two corners of rear wall to guy to wheels of the car. Each tent furnished with the necessary guy lines and equipped with waterproof ground cloth sewed to tent, with 9-inch sill in front, ventilated at peak with small window covered with bobbinet, with outside hood. Tents are equipped with necessary steel tent pins and Noepel telescopic tubular tent pole. Packed in brown waterproof tent bag, the poles and pins being in separate bag.

Entire outfit packs in a bag 28 inches long by 10½ inches in diameter, and can be carried on the running board of a car.

TANALITE AND EMERALITE WATERPROOF

Khaki and deep Emerald Green colors.

Order No.	Size Width Depth	Height Center	Wall Rear	Weight	Price of tent complete with steel stakes and Noepel Telescopic Tent Pole
4A2091	8¾ x 7½	8	4½	21	\$34.10
4A2092	10¼ x 8¾	8	4½	26½	43.45

WATERPROOF FRAZER CANOE TENTS



Tent is 8¾ ft. square and height to peak is 8¾ feet. Furnished with a brown waterproof ground cloth, a telescope steel pole and window in rear with outside waterproof covering. We call special attention to guy ropes which are fastened to the tent at the point where the fly hinges. The strain of staking out the front flap has caused these tents to tear at that point, and we have added guy ropes to obviate this trouble.

- 4A2085 Made of Tanalite or Emeralite. Weight complete, 30 lbs. Price including stakes and khaki bag..... \$36.45
- 4A3085 Made of Waterproof Balloon Silk or Verdalite. Weight complete, 30½ lbs. Price including stakes and standard bag.. \$27.60

WATERPROOF LEAN-TO TENTS



This is a mere shelter which has the heating feature of the Baker Tent. The slant of the roof throws the heat of the camp fire directly down upon the sleeper. It is a tent used for night shelter only, and has its greatest advantage in lightness, for, without exception, it's the lightest shelter made. Hunters carry this tent, which weighs only 3 pounds, in case they are caught out overnight. Regularly made with sod cloth and tape ridge.

- 4A2048 Tanalite, khaki color, or Emeraldite, green; Size, 3 1/3 x 7 1/4 ft.; height, 4 1/4 ft.; weight, 3 lbs.; with khaki bag **\$8.00**
- 4A3048 Verdalite, or Waterproof balloon silk; Size, 3 3/4 x 7 1/4 ft.; height, 4 1/2 ft.; weight, 3 1/4 lbs.; with khaki bag **5.65**
- 4A4048 Special waterproof; Size, 3 1/2 x 7 1/3 ft.; height, 4 1/4 ft.; weight, 4 1/4 lbs.; with standard bag..... **2.80**

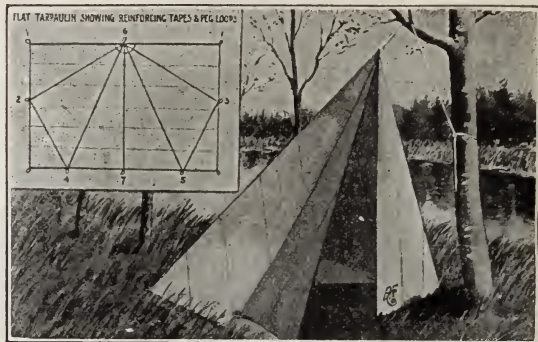
WATERPROOF FORESTERS' TENTS



The features of the Baker and Lean-to are combined in this tent with greater depth and the fact that it can be erected with a tripod of poles. The slant of the roof reflects camp fire heat into the back point of the tent, while the greatest amount of head room is in the front, where the greatest width is available. The weight of tent, compared to its size, will recommend it to many sportsmen. Made in all of our waterproof materials.

Order No.	Material	Size Width Depth	Feet High	Weight Lbs.	Price
4A2088	Tanalite or Emeraldite..	7 x 7	6 1/2	4	\$11.50
4A2089	Tanalite or Emeraldite..	8 1/2 x 8 1/2	7 1/2	6	15.90
4A3088	Waterproof Silk or Verdalite	7 1/2 x 7 1/2	6 1/2	4 1/4	8.55
4A3089	Waterproof Silk or Verdalite	8 3/4 x 8 3/4	7 1/2	6 1/2	11.65
4A4088	Special Waterproof...	7 x 7	6 1/2	5 1/2	5.20
4A4089	Special Waterproof...	9 x 9	8	10 1/2	7.15

WATERPROOF "TARPAULIN" TENT



This waterproofed Tarpaulin is reinforced with tapes and supplied with peg loops so it can be erected in the shape of a pyramid or Miners' tent with a vertical front.

Size of Tarpaulin, 8 x 12 1/2 feet. Makes a tent 5 x 7 1/2 x 6 1/4 feet high.

Order No.	Material	Size Width Depth	Feet High	Size of Tarp.	Size When Rolled	Lbs. Weight	Price
4A2049	Tanalite or Emeraldite	7 1/2 x 5	6 1/4	8 x 12 1/2	5 x 18	5 3/4	\$13.25
4A2055	Tanalite or Emeraldite	7 x 7	7	9 5/8 x 14	6 x 22	7	17.50
4A3049	Balloon Silk or Verdalite ..	7 1/2 x 5	6 1/4	8 x 12 1/2	5 x 18	5 5/8	9.60
4A3055	Balloon Silk or Verdalite..	7 x 7	7	9 5/8 x 14	6 x 22	7 1/4	12.75
4A4049	Special Waterproof ..	7 1/2 x 5	6 1/4	8 x 12 1/2	6 x 18	8 1/2	5.75
4A4055	Special Waterproof ..	7 x 7	7	9 5/8 x 14	7 x 22	10	6.45

WATERPROOF HUDSON BAY TENT



The "Hudson Bay" is a modified form of the "A" tent, the modification being made particularly to save weight. The ridge is shortened to three feet in all sizes and the ends rounded out to give floor space. There is considerably less material used in this style than in the "A" tent, and therefore a noted saving in the pack burden. This is an excellent type of tent for one or two men "going light." Made in Tanalite and Emeraldite only.

Order No.	Extreme Size of Ground	Height Feet	Weight Lbs.	Price of Tent	Stakes Required	Ridge Pole Uprights and Stakes Extra
4A2042	3 x 6	4	3 1/4	\$8.85.	12	\$.90
4A2043	4 x 7	5 1/2	4	11.60	12	.90
4A2044	5 x 8	6	5 1/2	14.65	14	1.00
4A2045	6 x 9	7	7	18.15	16	1.10
4A2046	7 x 10	7 1/2	9	21.50	20	1.15
4A2047	8 x 11	8	10	24.95	22	1.25

Price includes sod cloth, tape ridge and khaki bag.

WATERPROOF MINERS' TENTS



The special design of this tent gives a great amount of ground space with easy erection; when the bottom is pegged down the insertion of a single pole completes the work. Telescope or jointed pole may be carried or one cut en route. The pyramid shape of this tent has its advantage in the small amount of material used in its making, which counts for lightness. This miners' type of tent has always been used and considered more adaptable to open country than for use in the woods.

TANALITE AND EMERALITE WATERPROOF

Khaki and deep Emerald Green colors. See page 5 for full description of this lightest tent material made.

Order No.	Size		Height	Weight	Price	Stakes Needed	Pole and Stakes
	Width	Depth					
A2051	7	x 7	7	7¼	\$18.85	54	\$.60
A2053	8½	x 8½	8	10¾	23.90	24	.65
A2054	10	x10	9	12¼	30.00	32	.80

Price includes sod cloth and khaki tent bag.

VERDALITE AND WATERPROOF BALLOON SILK

For description of material, see page 5.

Order No.	Size		Height	Weight	Price	Stakes Needed	Pole and Stakes
	Width	Depth					
A3051	7½	x 7½	7	7¾	\$13.85	24	\$.60
A3053	8¾	x 8¾	8	11	17.40	24	.65
A3054	10¼	x10¼	9	13	21.25	32	.80

Price includes sod cloth and standard tent bag.

SPECIAL WATERPROOF

For description of material, see page 5.

Order No.	Size		Height	Weight	Price	Stakes Needed	Pole and Stakes
	Width	Depth					
A4051	7½	x 7½	7½	10	\$7.20	16	\$.55
A4053	9½	x 9½	8½	15	9.50	16	.60
A4054	11½	x11½	9½	20½	12.10	24	.75

Price includes standard tent bag.

Any of the above Miners' tents made with 2-foot gull, add 30 per cent. to prices quoted above.

"RATLIFF" TENT



This tent is specially designed for the use of the camper, canoeist, hiker or motorcyclist who wishes a complete light tent for one night camp. It is the lightest and most compact tent made and simple and quick to set up.

It is made with ground cloth sewed in the tent—also has a bobinet front and a window on each side—in warm weather there is plenty of ventilation and in cold weather the windows and front can be closed for protection.

The ground cloth is made of our famous Emeraldite and the top of Verdalite. The windows are 8 inches square and covered with bobinet.

The floor plan is triangular, it is only necessary to use 3 stakes in setting this tent up. Dimensions 8x4 feet and 4½ feet high.

There is plenty of room for one man to get a good comfortable night's sleep.

When rolled up it makes a roll 5 inches in diameter and 12 inches long. Weight 3½ lbs. Price. each \$12.00

"TOOMAN" TENT



Our new tent for two people.

Its special features are its extreme lightness, compactness and simplicity in erecting. Can be set up anywhere in two minutes and it only requires 4 stakes to peg it down—a rope attached to the peak and thrown over a limb of a tree and the tent can be pulled up to the desired height.

Tent is complete with ground cloth sewed in—bobinet front and 2 windows, giving perfect ventilation. The ground cloth is made of our famous Emeraldite and the top is of Verdalite. When rolled up it occupies a space 18 inches long x 6 inches in diameter. The size is 8 feet deep, 30 inches across the back, 5½ feet across the front and 5½ feet high at the front. Weight, 5½ pounds. Price \$17.50

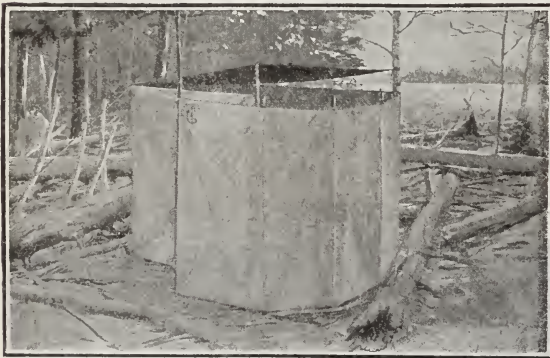
PALMETTO CANOE TENTS



There is more head room in one of these tents, size 7x7, than in a Frazer model, 8 3/4 x 8 3/4.

- 4A2030 Tanalite, khaki color, or Emeraldite, dark green; 7 1/2 feet square, 8 1/2 feet high at center; 6 feet high at eaves; weight, 11 lbs.; price, including sod cloth and khaki tent bag..... \$26.20
 Extra for center pole, spreaders and stakes.. 1.70
- 4A3080 Waterproof Balloon Silk, or Verdalite; 7 1/2 feet square; 8 1/2 feet high at center; 6 feet high at eaves; weight, 12 lbs.; requires 24 stakes; price, including sod, cloth and standard tent bag... \$19.35
 Extra for center pole, spreaders and stakes.. 1.70

TOILET TENTS



We are now making these tents on an entirely new model, which will be found most convenient and serviceable. One side is made so as to continue out beyond and around the front, lapping over the opposite side as shown in the illustration. This form allows of perfect privacy and ingress and egress is effected without the bother of flaps or curtains. The walls are made five feet high on all sides and the roof is raised in front for ventilation.

Prices include Standard tent bag.

KHAKI TOILET TENT

SIZE		HEIGHT		Weight	Price of Tent	Stakes Needed	Seven Uprights and Stakes Extra
Width	Depth	Back	Front				
5	5	5 ft.	7 ft.	10 lbs.	\$8.90	13	\$1.95

STANDARD TOILET TENT

SIZE		HEIGHT		Weight	Price of Tent	Stakes Needed	Seven Uprights and Stakes Extra
Width	Depth	Back	Front				
5	5	5 ft.	7 ft.	7 1/4 lbs.	\$5.00	13	\$1.95

Toilet seat. Price \$1.25.

TENT AND WATERPROOF MATERIALS

Order No.	Materials	Color	Width Inches	Ozs. Per Yard	Price Per Yard
4A2C93	Tanalite Waterproof	Khaki	37	5 1/2	\$.75
4A2094	Emeraldite Waterproof	Green	37	5 1/2	.75
4A3093	Balloon Silk Waterproof	White	38	5 3/8	.55
4A3094	Verdalite Waterproof	Green	38	4 1/4	.55
4A4093	Special Waterproof	White	20	8 1/2	.25
4A4094	8 oz. Defendo Duck	White	28 1/2	8+	.35
4A4095	10 oz. Defendo Duck	White	28 1/2	10+	.40
4A4096	12 oz. Defendo Duck	White	28 1/2	12+	.45
4A8093	8 oz. Protecto Duck	Khaki	28 1/2	8+	.45
4A1093	10 oz. Protecto Duck	Khaki	28 1/2	10+	.50
4A1290	12 oz. Protecto Duck	Khaki	28 1/2	12+	.55
4A1380	Waterproof Drill	Brown	36	11	.45
4A1381	Waterproof Duck	Brown	36	16	.65
4A1382	English Bobbinet	White	72	3 1/2	.85

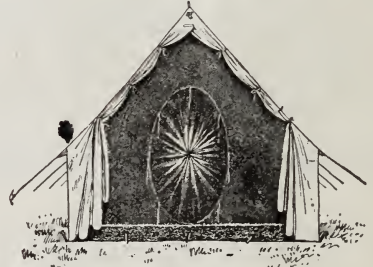
Samples of materials mailed promptly upon request.

BOBBINET MOSQUITO-PROOF FRONTS



Style A

Two methods of making Bobbinet Mosquito-Proof Fronts are shown in these illustrations. Style A shows front attached to the sides and walls, made extra long and full, equipped with adjustable rope which raises and lowers the mosquito-proof curtain.



Style B

Style B shows Bobbinet Mosquito Front with circular opening in centre. This opening is made extra full with a pucker string. This makes an absolutely tight insect front that is always permanently in position, and is advisable in tropical countries or where the pests are beyond any other method of control.

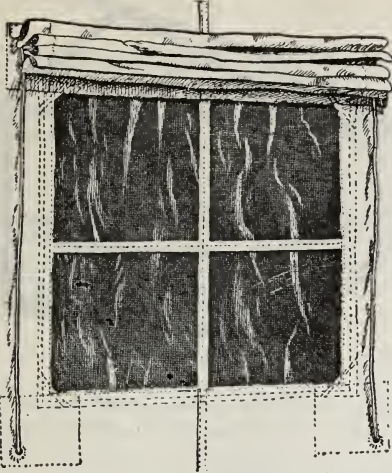
Can be supplied sewed in or made detachable and prices are figured on the number of square feet in the front of the tent.

- 4A1408 Either style sewed in, per sq. foot. 12c.
 4A1409 Either style made detachable, per sq. ft. 14c.

ROPE

Order No.		Diameter	Ft. to Pound	Per Pound
4A1431	Cotton	3/8-inch	175	\$.42
4A1432	Cotton	5/8-inch	125	.42
4A1433	Cotton	1-inch	100	.42
4A1434	Cotton	1 1/4-inch	53	.40
4A1435	6 thread Manila	1/4-inch	60	.38
4A1436	9 thread Manila	1/8-inch	45	.38
4A1437	12 thread Manila	3/8-inch	25	.37
4A1438	15 thread Manila	1/2-inch	19	.36

TENT WINDOWS



These are most desirable, especially in large tents, for comfort and for proper ventilation. Unless otherwise ordered they are placed in rear wall of tent and are made as follows: An opening of the proper size, varying somewhat according to the size and style of tent, is cut out and strongly reinforced around the edges with tape. The opening thus formed is then filled with fine mesh English bobbinet, which is strong and durable, and this is also reinforced across both ways with tape as shown in the illustration. Above the opening is placed a wide flap, of same material as the tent, and so arranged that it may be either raised or lowered from the inside by simply pulling a cord. The curtain is perfectly watertight.

3A1401 Put in, complete, curtain and cord.. **\$2.50**

GROUND CLOTH



In certain localities a ground cloth is an absolute necessity in the way of keeping out snakes, insects, vermin, etc. It is also valuable in cold weather as a preventer of draughts and a great aid in keeping the tent warm. Recommended for a traveling or cruising trip where the tent must often be pitched hastily and perhaps on wet ground, in which case it assures a dry floor and clean bed, and is, besides, a protection to the tent when rolled up.

We supply them either sewed permanently to the tent or separate, and in the latter case the tent should have a sod cloth to insure perfect protection. Made of heavy brown canvas, tough, durable and perfectly waterproof.

Separate ground cloths have rope loops for corner stakes.

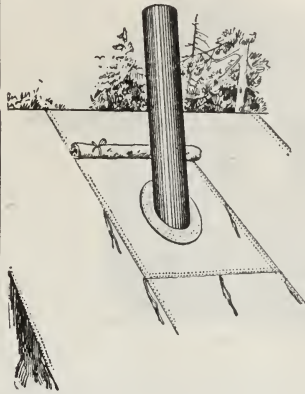
4A1402 When separate, per square foot.... **\$.10**
 4A1403 When sewed to tent, per square foot **.11**

"WINDTITE" TENT DOOR

A Wind and Rain-tight closing flap, which will close the front of a tent as tight as though sewed together, is a special device of our own invention, which can be added to any of our tents at very moderate cost. No storm could possibly get through this roll of canvas when it is well rolled and tied. Can be worked from either outside or inside.

3A1406 Fitted to any stock tent..... **\$1.50**

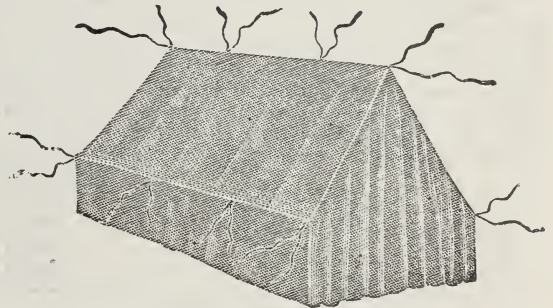
TENT STOVE-PIPE HOLE



In cold weather, a stove in a tent is always an appreciated luxury and many times a positive necessity when the tent is of a style which cannot be heated from a fire in front. Such a stove is also very handy for use in bad weather for the preparation of simple meals, drying out clothes, etc. We place stove-pipe holes in any tent as follows: An extra piece of the material is sewed to the tent as a reinforcement, in which is inserted a specially made wide stove-pipe collar of asbestos. This thoroughly protects the tent from scorching or burning, and as it is quite flexible will roll up snugly with the tent. At the opening is placed a wide flap, of the same material as the tent, which is rolled up and tied with tapes when pipe is in use. When pipe is not used, the flap is lowered and tied in place with tapes, effectually closing the opening and making it thoroughly watertight. Always placed at right side (looking in) unless otherwise ordered.

4A1400 Asbestos ring placed in tent, complete with flap..... **\$3.00**

CHEESECLOTH INSECT-PROOF TENT LINING



Insect-proof Lining is suspended from the ridge and tied out to the four corners; the front must be lifted to give entrance. This lining is a separate piece and can be used apart from the tent if desired.

Size Of Tent (about)	Price	Size Of Tent (about)	Price	Size Of Tent (about)	Price
4x7	\$2.75	9x 9	\$4.55	10x10	\$5.75
7x7	3.45	9x10	4.95	10x12	6.25
7x9	4.00	9x12	5.50	12x12	6.60

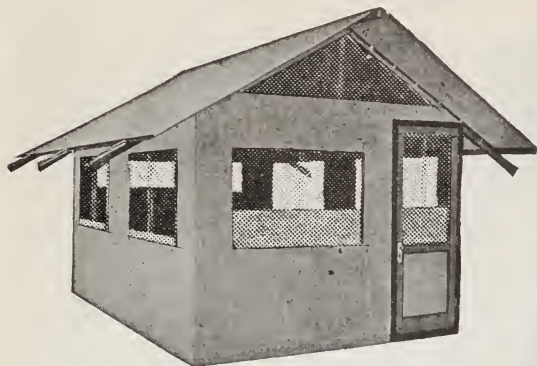
METAL TENT SLIDE



This patent slide, made exclusively by us, is the same as we use on all our tents.

Order No.		Weight Per Doz.	Per Doz.
3A1424	Galvanized Steel	4½ oz.	\$.25
3A1425	Brass	5 oz.	.50

KHAKI WICKI-UP



The above cut shows detail construction of the frame of the KHAKI WICKI-UP.

The problem of a portable canvas house combining strength, simplicity and durability is solved in the KHAKI WICKI-UP, which makes a handsome, attractive house, easily erected by anyone without the use of any tools, nails, bolts, screws or tacks.

All openings in the house are screened—only the best material is used.

Frame is made of well-seasoned clear-selected Pacific Fir, stained khaki to match canvas cover. The different parts of the frame are fitted with rustless castings which slide or hook together by unique interlocking device, the last piece locking the whole frame. After the sills are leveled the entire frame can be erected by one man within 30 minutes, without the use of any tools whatever.

Floor: The 10x15-foot KHAKI WICKI-UP is in six sections, 28 inches wide, 10 feet long, made of narrow matched hardwood boards, securely nailed to cleats. Each section can be easily carried and placed by one man. The entire frame of a 10x15-foot KHAKI WICKI-UP, including floor, knocked down, makes a package 10 feet long, 28 inches wide, and 18 inches high.

Roof is made of 12-ounce Protecto Duck, U. S. Army standard, khaki color, waterproof, mildew and verminproof. In erecting the roof is unfolded over the ridge, the eave poles are slipped through the side pockets, eye bolts are placed through the opening in the canvas and through the holes in the eave pole. The spring and turn buckle furnished are attached and the turn buckle taken up gives the desired tension. This makes a roof that is always taut and requires no further adjusting.

Side Walls are made of 10-ounce Protecto Duck, U. S. Army standard khaki color, waterproof, mildew and verminproof. All window openings are covered with rustproof mosquito wire and adjustable khaki curtain. To place on the house, the canvas is opened up and laid on the side of the house, starting on the hinged side of the door. The canvas at the top is furnished with a small pocket into which a strip of wood 1/2x5/8 inches is slipped. This is pressed into a groove in the frame, a wooden button turned, and the top of the canvas is securely in place. After the top edge is placed around the entire house, the bottom edge is placed by pressing the canvas into groove with wood strip, which is held in place by button, and a small strip of canvas which acts as water table covers up the lower series of buttons.

7 1/2 x 10	\$116.00	14 x 19	250.00
8 1/2 x 12	150.00	12 x 25	270.00
10 x 15	160.00	14 x 28 1/2	325.00
12 x 17	195.00		
10 x 22 1/2	225.00		

All prices F. O. B. New York.

STEEL TENT PINS

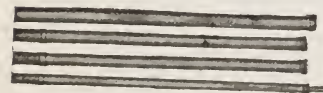


The simplest and lightest style of steel pin made.

Nest closely in packing.

4A1428	9-inch	2 1/2 ounces	\$.06
4A1429	12-inch	5 1/2 ounces	.07
4A1430	15-inch	9 ounces	.08

NOEPEL'S STEEL TENT POLES—TELESCOPING



The lightest tent pole made. Weighs less than wooden pole of the same diameter and is stronger; made of the best grade of seamless drawn steel tubing—all joints brazed and reinforced with electric galvanized satin finish to prevent rust. Telescopes to 29 1/2 inches in length.

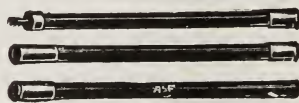
Telescoping Upright Poles

3A1413	up to 8 ft.	1 1/4-inch	3 1/2 lbs.	\$2.50
3A1414	8 to 9 ft.	1 3/8-inch	3 lbs.	3.00

Telescoping Ridge Poles

3A1417	up to 8 ft.	1 3/8-inch	3 7/8 lbs.	\$3.00
3A1418	8 to 9 ft.	1 3/8-inch	4 1/8 lbs.	3.50

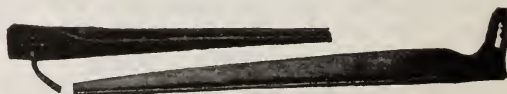
JOINTED TENT POLES—WOOD



Strongly made of selected ash 1 1/2 inches in diameter, fitted with male and female hard brass ferrules.

3A1421	up to 6 ft.	2	3 3/8 lbs.	\$1.00
3A1422	6 to 8 ft.	3	4 3/4 lbs.	1.70
3A1423	8 to 10 ft.	4	6 lbs.	1.95

HOLD FAST STEEL TENT PINS



Made from strong, machine angle steel, which drives easily and holds securely. Made in two styles for guy ropes and for becketts.

4A1426	Guy Ring Top	13-in.	6 oz.	\$.11
4A1427	Becket Hook Top	9-in.	3 1/2 oz.	.08

THE NEW FITCH SLEEPING BAG



This sleeping bag embodies many improvements over any sleeping bag heretofore made.

Its one principal advantage is that while the bag, when made up, is absolutely tight, wind and waterproof, it can be easily and quickly opened up the full width of the blankets, and aired. The whole bag can be taken apart for cleaning and put together again more quickly and with far less effort than found in any other bag in the market.

The blankets are so arranged as to prevent them getting bunched up around the limbs when the sleeper twists or turns. The cover can be quickly untied and thrown off, thus preventing condensation when the bag is used under cover, and when in the open the cover is arranged to close and make bag absolutely tight and waterproof.

The sides and bottom of the cover are brown waterproof canvas. The top is made very full of Tanalite.

The Fitch bag comes equipped with headflap or hood which can be used in the open for shelter. At each corner of the cover is a sleeve loop through which stakes may be driven to hold the sides taut, and prevent the bag shifting or slipping. Blankets can be quickly added if increased warmth is required, or detached if a lighter weight bag is desired.

- 4A1449 Fitted with 16 thicknesses of blanket. Weight 26 lbs. Price..... \$40.50
- 4A1450 Fitted with 12 thicknesses of blanket. Weight, 21 lbs..... 32.50
- 4A1451 Fitted with 8 thicknesses of blanket. Weight, 15½ lbs. 24.50
- 4A1452 Fitted with 4 thicknesses of blanket. Weight, 10 lbs. 16.60
- 4A1453 Cover only. Weight, 5 lbs..... 8.00
- 3A1456 One down quilt. Weight, 4½ lbs. Fitted to any of the above bags.... 10.00
- 3A1457 One eiderdown quilt. Weight, 7 lbs. Fitted to any of the above bags 22.00
- 4A1459 One wool blanket bag. Weight, 3½ lbs. Fitted to any of the above bags 18.50

All the blankets used in our Fitch bags are specially woven for us, are absolutely pure all wool, color Dark Fawn Brown with brown trimming.

These bags are made on the principle that a number of layers of thin all wool blankets give more warmth than the same weight in heavy blankets, the air spaces between the blankets acting as a non-conductor.

THE "PUSSY FOOT" SLEEPING BAG



This is a new style of sleeping bag which we recommend as being the most practical one made.

The special features are its extreme lightness for the amount of warmth procured—perfect comfort for the sleeper as there is ample room which is properly distributed.

The bottom of the cover is made of brown waterproof material which keeps all dampness or draught from reaching the inside of the bag. The top of the cover is made of Cravenetted Tanalite. This material is not absolutely waterproof but is as much so as any cover for a sleeping bag should be made—it allows the moisture which the body throws off during the night to escape.

We use special quilts in these bags which are lined with lambs' wool and covered with a woolen material—these quilts are strong and give the maximum amount of warmth with the minimum weight. These quilts are much warmer in proportion to their weight than the very best grade of woolen blanket.

It is a very simple matter to take this bag apart for airing purposes and it is also easy to put it together again.

There are a series of buttons and buttonholes down the side and bottom of the cover and each quilt, and to take the bag apart all you have to do is to undo the buttons—the quilts and cover each have the tapes placed at intervals around the bag and when these are tied to one another it keeps the quilts in perfect position so that they cannot become disarranged during the night.

This bag has been used and approved by several of the leading sportsmen and physicians.

An ideal bag for use on the sleeping porch as well as camp use.

Bag with one quilt is sufficient for a temperature as low as 40 degrees, 2 quilts is enough down to 25 degrees, 3 quilts is enough down to 10 degrees. Extra quilts should be added where necessary.

- Price of cover..... \$6.00
- Price with one quilt..... 18.00
- Price with two quilts..... 30.00
- Price with three quilts..... 42.00

Prices on special bags on application.
The cover of this bag weighs 4 pounds and each quilt weighs 5 pounds.

DOUBLE "FITCH" SLEEPING BAGS

For use when two persons desire to sleep together. Made to order only at price equal to cost of two bags.

To supply any of our covers with the necessary grommets, etc., to make it attachable to covered air bed or mattress will cost 50c. additional.

SLEEPING SUITS

For Men or Women

A one-piece suit cut amply full so as to give perfect freedom. Opens down the front and about 18 inches up the back. The hood is attached to the suit by buttons and can be easily taken off if desired. A shirr string in the front of the hood for adjusting the size of the opening.

Made of the celebrated Peruvian Llama wool, which is the lightest and warmest material made. The suit covers the body entirely, leaving only a portion of the face exposed. The socks, mitts and hood are all a part of the garment. Color: pearl grey.

- 6 to 12 year, children's..... \$10.00
- 30 to 34 chest sizes..... 16.00
- 36 to 38 chest sizes..... 18.00
- 40 and up..... 20.00



(In ordering give your height and chest measure.)

THE IMPROVED "JOHNSON" WATER-PROOF SLEEPING BAG



An entirely new model which we recommend as the best for general use, especially in the open without other cover.

It is far warmer than the old Johnson blanket bag and so constructed as to be absolutely wind and waterproof. The special grade all wool blankets are made up in bag forms, which are made to fit snugly within each other. The inner section is furnished with two long cords at the bottom corners. These cords are run through grommets of as many sections as are required, then through the cover and held taut. This holds the bag in place at the bottom and makes it very easy to assemble and open. Where the grommets come through the cover a flap is attached, which makes the bag waterproof.

This method affords an equal covering of blankets all around, and is very warm and comfortable. Cover made of close woven brown waterproof canvas. Has large flap to be used for head covering when sleeping in the open. Size of bag, 7 feet long, 3 feet wide. We recommend 4 thicknesses of blanket for summer, 8 thicknesses for spring and fall and 12 or 16 thicknesses for winter.

- 4A1460 Fitted with 16 thicknesses of blanket, weight 26 lbs. \$31.50
- 4A1461 Fitted with 12 thicknesses of blanket, weight 21 lbs. 24.75
- 4A1462 Fitted with 10 thicknesses of blanket, weight 18 lbs. 21.35
- 1A1463 Fitted with 8 thicknesses of blanket, weight 16 lbs. 18.00
- 4A1464 Fitted with 6 thicknesses of blanket, weight 14 lbs. 14.60
- 4A1465 Fitted with 4 thicknesses of blanket, weight 11 lbs. 11.25
- 4A1466 Fitted with 2 thicknesses of blanket, weight 9 lbs. 7.90
- 3A1467 Cover, weight 6 lbs. to fit any of the above blankets..... 4.50

To fit cover of this bag with the necessary grommets, etc., to make it attachable to covered air bed or mattress will cost 50c. additional.

We will make up blanket bags from blankets furnished by purchaser at a cost of 50c. for each pair of blankets.

DOUBLE JOHNSON SLEEPING BAGS

For use where two persons desire to sleep together for the sake of warmth. Made to order only, price equal to cost of two bags.

"COMFORT" SLEEPING POCKET

A combination of air bed and sleeping pocket. Outside case made of "Wearproof" duck and lined with felt. Cover fastens with snap buttons and has hood or head cover for use in the open. Air bed covered with felt. Has an air pillow, size 11x16, covered with felt and attached to bed with snap buttons. Pump for inflating sent with each bed. No. 1, size 25x75 in.; weight, 18 lbs. Price \$25.00
 No. 2, size 30x75 in.; weight, 22 lbs. Price 30.00
 Mosquito netting attachment, extra..... 2.50

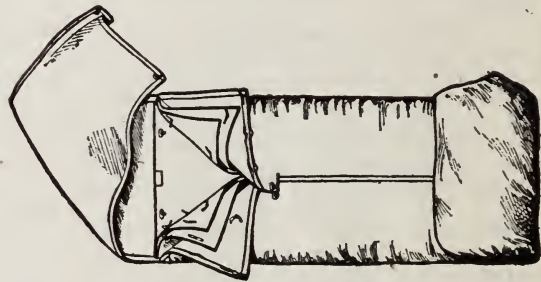
KNITTED SLEEPING BAG



Recommended for their light weight and great warmth. These bags are not as comfortable or practical as the Fitch or Johnson bags, but where weight is the first consideration they afford warmth and protection, and are practical for ordinary temperature down to freezing.

- 4A1470. Made of long Australian wool, color Heather Mixture. Wgt., 4½ lbs. Price \$17.50
- 4A1472 Cover for either of the above bags, light Khaki. Weight, 2½ lbs. Price 3.50
- 4A1473 Cover for either of the above, waterproof Tanalite. Wgt., 2½ lbs. Price 6.00
- 4A1474 Small size Australian wool, color Brown Heather Mixture. Weight, 3¾ lbs. Suitable for person up to 5' 3" in height. Price..... 16.00

KENWOOD SLEEPING BAGS



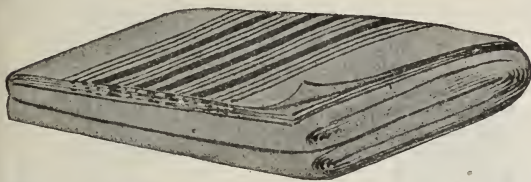
The inside blanket bags are open down only as far as the outside bag, as shown in illustration. The outside bag is made on the closed cover principle, having no opening other than a short top opening where the sleeper enters. We do not consider this bag quite so handy and convenient as our Fitch and Johnson models, but it is warm and serviceable, and the simplicity of its design makes it moderate in price. Cover made of heavy duck fitted with protective flap for head covering at top.

- 4A1475 Regular bag, complete, weighs 16 lbs. \$19.00
- Separate Parts:
- 4A1477 Cover only—no blankets..... 4.00
- 4A1478 Heavy inside blanket bag..... 8.00
- 4A1479 Light inside blanket bag..... 7.00

"FEATHERWEIGHT" SLEEPING POCKET

Made similar in style and design to "Comfort," but of finer and lighter material. Outside case made of balloon silk, coated with rubber compound. Lined with wool felt and fastened with snap buttons. Air bed made of special fabric, coated with pure Para rubber. Covered with fine wool felt. Has "pillow-stool," size 5x12x18, used either as a stool or pillow. No. 3, size 25x75 in.; weight, 10¾ lbs. Price.. \$50.00
 No. 4, size 30x75 in.; weight, 13 lbs. Price.. 60.00
 Mosquito netting attachment, extra..... 2.50

BLANKETS



The very best selection of blankets for camping and outdoor use. Made expressly for us and of proper sizes.

Hudson Bay

3A1495 4 point Hudson Bay blanket, Khaki color, extra heavy weight. They are, in fact, the heaviest blankets made, all wool, closely woven and recommended to those who desire a blanket of great warmth and able to stand hard usage. Size, 72x90; weight, 12 lbs. **\$16.50**

Huron Blankets

4A1496 Our own new special double blanket which we use in the Fitch sleeping bags, and recommend very highly. Absolutely pure wool and beautifully made. Color Dark Fawn, brown trimming. Very soft and pleasant to the touch. Size, 70x80; weight, 5 lbs. **\$8.00**

U. S. Army Blankets

3A1497 This blanket is at present used by the U. S. Army. Olive Drab. Guaranteed all wool. Size, 66x84; weight, 5 lbs. **7.50**

Double Khaki Blankets

4A1498 A fine double camp blanket. All wool. Excellent for general use. Color, Khaki. Size, 70x80; weight, 5½ lbs. **7.00**

New U. S. A. Light Weight Blanket

4A1502 This is a new blanket adopted by the Government as the "light weight" standard. Made in Olive Drab only. Size, 66x84; weight, 3 lbs. **5.75**

U. S. Forestry Blanket

4A1501 Used as the standard blanket in the Forestry division of the Government. Made of guaranteed all wool in Olive Drab. 66x84 ins.; weight, 5 lbs. **6.00**

Army Blankets

4A1499 This blanket is the famous army blanket used by the Government for years. Single, color Blue-grey, trimmed with black. Size, 66x84; weight, 5 lbs. **5.50**

3A1504 **Cotton Army Blankets.**—Made of all-cotton with a wool finish similar to cotton eiderdown. A good blanket for summer use. Color, Khaki Mixture with dark Khaki border. Size, 60x84 in.; weight, 4 lbs. **3.50**

Camp Blankets

3A1500 A strong, heavy double blanket for rough use. Excellent as a "bottom blanket" or "bed roll." Color, Dark Blue, fancy trimmed. Size, 60x72; weight, 5¼ lbs. **3.25**

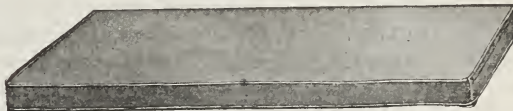
THE AYENFCO AIR MATTRESS



An unusually light, strong and compact air mattress. Only the very finest materials enters into the construction of this mattress—strictly hand made throughout. With proper care one of these beds should last for years. Covered with Khaki Jeans. Coated with the best quality of live rubber. Stays are of strong heavy tape and they will not break.

25x45 Price **\$17.50**
 25x75 Price **20.00**
 32x75 Price **24.00**
 36x75 Price **28.00**

AIR MATTRESSES



They are especially desirable for use on automobile tours, either when camping in the open or for use in wayside hotels where the beds are oftentimes "rocky." Used in connection with our sleeping bags in "combination" form, they make the ideal bed for campers, and we recommend the latter form as the very best portable bed to be had. They are very carefully made from a high grade of rubber, strongly stayed and reinforced, and covered with a removable and washable Khaki slip.

Order No.	Long	Wide	Weight	Each
3A1549	6 ft. 3-in.	2 ft. 1-in.	11 lbs.	\$19.00
3A1550	6 ft. 3-in.	2 ft. 8-in.	12 lbs.	22.00
3A1551	6 ft. 3-in.	3 ft.	15 lbs.	27.00
3A1552	With air pillow attached to inflate separately, extra.....			2.00
4A1553	Brass pump, automobile style,....			2.25
4A1554	Foot bellows pump, very powerful.			6.00

INVINCIBLE AIR MATTRESS



It is superior to any other mattress made and will last for years without deterioration.

A Khaki cover is vulcanized to the rubber—only the best grade of materials being used—strongly stayed and reinforced.

3A1592 6 ft. 4 in. long, 30 in. wide, 6 in. thick **\$30.00**
3A1593 6 ft. 4 in. long, 36 in. wide, 6 in. thick **35.00**

AIR CUSHIONS

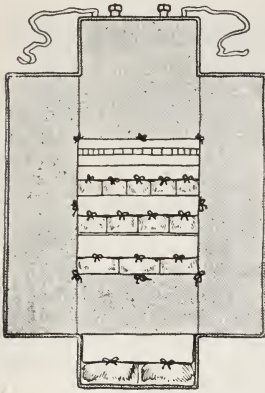
Best rubber fabric covered with Khaki.

Order No.	Size	Weight	Each
3A1733	12x12-in.	1½ lbs.	\$3.00
3A1734	12x14-in.	1⅝ lbs.	3.50
3A1737	12x15-in.	1¾ lbs.	3.75
3A1738	15x15-in.	1⅞ lbs.	4.00

AIR PILLOWS

3A1546 Air pillow size, 11x16, Khaki covered, weight, ¾ lb. **\$2.75**
3A1547 Air pillow, size, 16x21; wgt., 1¼ lbs. **3.50**
3A1548 Air pillow, size, 17x26; wgt., 1¾ lbs. **4.00**

SHATTUCK STEAMER AND CAMP ROLL



For carrying blankets and personal duffel, including shoes, extra clothing, underwear and toilet articles. When opened flat everything is accessible and rolls up like a steamer roll. For steamer use steamer

blankets can be placed inside—for camp use camping blankets. At night, by untying 8 tapes, the center wall pocket can be taken out, blankets spread and cover can be used as outside sleeping bag cover. The outside straps and handle make it easy to pack and carry as hand luggage.

The center wall pocket has three tiers of pockets of different sizes, each with flap and tie tapes to prevent articles from falling out.

At the top are loops for inserting tooth brush, combs, etc.; on the bottom of the roll are two large pockets with flap and tie tapes into which large articles can be stored, such as shoes, etc., and at night the pockets can be stuffed and used as a pillow.

Made of brown waterproof canvas, bound throughout, wall pocket and pockets made of Khaki.

Size, 28 in. wide by 6¾ ft. long; weight, 5 lbs. 14 oz.

4A1878 ₤ \$10.00

NEWSOM COMBINATION HAMMOCK

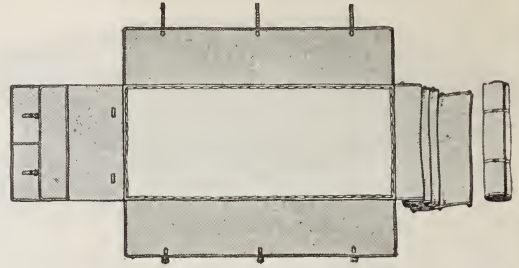


Made of heavy tan canvas. Size overall 7x3 feet. Has five-inch loops or sleeves at each end and on each side, with two eyelets at corner of each loop. Triple sewn seams and extra reinforced corners. By cutting four poles and running them through the sleeves and lashing, a frame is made which may be set up on forked sticks driven into the ground. This arrangement makes an excellent cot. Canvas may also be suspended by the end poles between two trees, making a very good hammock. It is the right size to use as a pack cloth or a one-man ground cloth.

On account of its many uses and light weight, we strongly recommend it as a great improvement on the ordinary stretcher bed. Weight, 3¾ lbs.

4A1488 Price ₤ \$3.60

PENNSYLVANIA CAMP ROLL



This roll consists of a body piece of brown waterproof duck, 7 feet long by 3 feet wide, to which is attached side wings of lighter waterproof material the full length of the roll and 18 inches wide, made to fold in and close with straps and buckles. At the foot is a long light waterproof sheet, which when folded in, is the same size as the body of the roll. At the head is a wing the full width of the roll, into which is fitted two bellows pockets. The center, or main body of the roll, has laced to it a sheet of white drill. This sheet can be taken off for laundering and can be unlaced at the corner and stuffed to make a mattress when desired. To pack the roll, clothing and blankets are placed upon the white sheet and the side flaps turned in and buckled. The long end piece is then folded over the top and buttoned to the sides to prevent water from entering when packed for shipment. It is then rolled up from the foot and the head piece containing the bellows pockets is the last thing to roll over the outside. Leather straps, brass buckles.

4A1341 Roll complete with carrying straps, weight, 10 lbs. ₤ \$12.00

CARRY-ALL BED



A sleeping bag, camp bed with mattress, hammock and canvas carry-all combined in one. The bottom and flaps are made of heavy 12-oz. Army Duck, bottom doubled, like the Triton Stretcher bed, so that it can be stuffed to form a mattress and lengthwise poles inserted to raise it from the ground. Crosswise and lengthwise poles may be inserted to make a flat hammock—ropes being attached to the crosswise poles head and foot. Clothing, blankets, etc., can be laid in flat before rolling and when strapped it is a carry-all ready for the trail.

4A1490 Unlined Canvas Cover..... ₤ \$5.25

4A1491 Lined with Wool Blanket..... ₤ 8.00

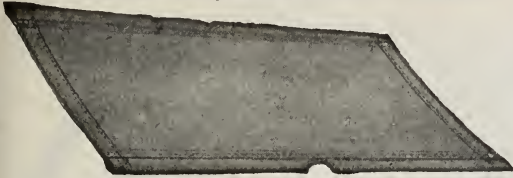
HOT WATER BOTTLE

There are many times and places when a good hot water bottle is better than medicine, and in the case of pain, cramps, etc., it is invaluable. On a cold night it is equal to an extra blanket and its grateful warmth at the bottom of a sleeping bag is heartily appreciated by all those wise ones who have tried it. Our bags are selected for the purpose and made of the best grade of red Para rubber.



4A1788 Capacity, 4 quarts; weight, 12 oz. ₤ \$1.75

"TRITON" STRETCHER BEDS



Made of heavy tan canvas. Size, 6x3 feet. Easily erected by running poles through sleeves at side, which rest on croched supports driven into the ground. Weight, 3 lbs.
A1487 \$2.50

AUTOMOBILE AND STEAMER BAG

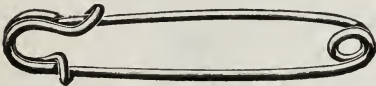


Used also as camp blankets. Made of fine wool, very light and warm. Made in one piece and laces up for about two feet from bottom, fastening with snap buttons the rest of the way. Excellent for tourists and invalids. Color, brown with dark red lining. Size, 66x72 inches. Weight, 6½ lbs.

3A1480 Without Hood \$10.00

3A1481 With Hood 11.00

BLANKET PINS



Made of heavy spring wire, nickel plated, well tempered; will not break.

A1786 4 inches long. Per dozen.....¢ \$.40
A1787 3 inches long. Per dozen.....¢ .35

QUILTS

A1543 Best grade eiderdown. Size 70x80 weight, 7 lbs.....¢ \$22.00
A1544 Down. Size, 70x78; weight, 4 lbs., 6 oz.....¢ 10.00

PILLOWS AND PILLOW COVERS

For Sleeping Bags, Air Bed and Camp Cots.
A1545 Best goose feathers, size, 17x26, khaki covered, weight, 2¾ lbs...¢ \$4.00
A1546 Air pillow, size, 11x16, Khaki covered, ¾ lbs.....¢ 2.75
A1547 Air pillow, size, 16x21; weight, 1¼ lbs.¢ 3.50
A1548 Air pillow, size, 17x26; weight, 1¾ lbs.¢ 4.00
A1358 Soft white drill pillow covers, 20-in. sq.¢ .40
A1359 Soft khaki drill pillow covers, 20-in. sq.¢ .50

WATERPROOF CAMP BLANKETS

These are an absolute necessity in camp, except where ground cloths or sleeping bags are used. Ponchos are much used for the purpose but some objection is made to the slit in the poncho.

Order No.		Size	Weight	Each
A1540	Rubber	45x72-in.	2¾ lbs.	\$2.00
A1541	Black oilskin	45x72-in.	1¾ lbs.	1.50
A1542	Rubber lined, white	63x78-in.	4¼ lbs.	4.25

**"PICOT" PORTABLE STEEL COT
 (Convertible Into a Chair)**



This Cot is used in the French Army. Serves as cot, ordinary chair, or reclining Morris chair. Made entirely by hand of steel and linen. Extended, measures 2¼ by 6¼ feet. Folds compactly into a space 8 by 3 by 30 inches; weighs only 24½ pounds. An ingenious arrangement of straps takes up all slack, making cot at all times taut and comfortable.
3A936\$10.00

FOLDING CAMP BEDS

The Best Camp Bed Made



4A50 Wide cot bed is a luxury. The frame is of rock elm and the joints of steel, covered with extra heavy canvas. Opened it is a full

length, easy, elastic and comfortable bed, 6½ ft. long, 3 ft. wide and 1½ ft. high, and can be folded in a few seconds to a compact package 6x6 inches by 3 ft. 2 inches long; weight, 20 lbs. Price..\$4.50

4A1 is made after the manner of above. Strong and serviceable, but smaller and lighter. When open it is 6 ft. 6 inches long, 2 ft. 3 inches wide and 1 ft. high, and when closed, 4x5 inches by 3 ft.; weight, 16 lbs. Price\$2.50

4A3 "The Handy"

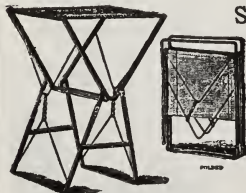
cot bed differs in construction from the above beds as cut will show. The frame is open like a "lazy tongs" and the canvas top hooked on. When opened the length is 6 ft. 4 in., the width is 2 ft. 6 in. and the height, 1 ft. 8 in. Closed, 5x7x34 in.; weight, 15 lbs. Price.....\$2.75



THE "WESTGARD" COT

Made on the same principle as the model listed above but it is smaller and very much lighter. Only the very finest lumber and steel enters into the construction of this cot. It is the lightest one made—makes a fine bed for the canoeist, camper or autoist—size open 25 inches x 6 feet, size folded 28x5x6. Weight 11½ lbs. Price..... \$3.00

STEEL FOLDING CAMP STOOLS



This stool is made of steel bands and wire with canvas seat. When open it stands 8x12x18 inches, and folded 8x11x1½ inches. Weighs 2½ lbs

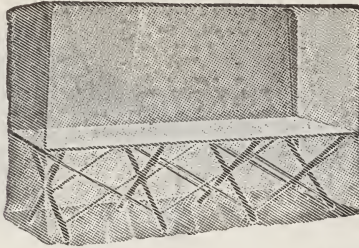
FOLDING CAMP STOOL

This is a strong, neat stool at a low price. It folds so compactly that a large number can be put in a small space. Weighs 3 lbs.



4A8\$.45

MOSQUITO BARS



- The cot-beds we carry can be fitted with a frame at head and foot to support a mosquito bar.
- 4A1555 Frames for No. 3A50 weigh 3 lbs.. \$1.10
 - 4A1556 Frames for No. 3A1 weigh 2¾ lbs. .85
 - 4A1557 Frames for No. 3A3 "Handy" weigh 2¼ lbs. 1.00
 - 4A1558 Covering of mosquito netting for any of above frames..... 1.50
 - 4A1559 Covering of cheese cloth for any of above frames 2.00
 - 4A1560 Covering of bobbinet for any of above frames 5.25

FOLDING CAMP CHAIRS



Chair may be folded and carried as easily as an umbrella. It is strong enough for the heaviest man, and comfortable for all, adjusting itself perfectly to the body and affording a better rest than any other chair made. Size, folded, 3 ft. long by 3 in. square.

- 4A4 Weighs 4½ pounds Price\$1.40
- 4A5 The same as No. 4A4, with extra high back, weight, 6¼ lbs. Price\$1.65

FOLDING ARM CHAIR



This folding arm chair is adapted for permanent camps and other places where an easy chair is wanted, and weight is not such a great consideration. Strong and substantial canvas seat and canvas back. Weight, 14 lbs.

- 4A12\$2.50

FOLDING LAWN STOOL



This stool is similar to our Camp Stool, with the addition of a comfortable back. It also folds into a small space and for numerous uses is unequalled. Weighs 3½ lbs.

- 4A7\$.70
- 4A8 Same stool without back weight 3 lbs.....\$.45

"TRIPOD" STOOL

Comfortable shaped seat. Will support 300 lbs. Made of heavy brown duck, reinforced and tucked at corners. Legs fastened to a center piece with rivets. Folds 2 feet long and 2½ inches square.

- 4A10\$.30



THE "HANDY" FOLDING STOOL

An entirely new style of stool which is light in weight, very compact and unusually strong. Can be opened up for use in a second and folded up in a jiffy for putting away when not in use. The wood and workmanship in this stool is very good. Made up in two sizes.



- Small size, open 10x12 in. high, closed 17x2 in. Price50c
- Large size, open 12x19 in. high, closed 24x2¼ in. Price\$.70

FOLDING CAMP TABLE



This table is made of oil finished hardwood, with top 2 feet 3 inches wide and 3 feet 2 inches long. Will comfortably seat four persons. In use it is very strong and rigid. Size, folded, 3 feet 2 inches long by 5x7 inches.

- Weight, 16 pounds.
- 4A13 Without Shelf\$2.75
- 4A14 With Shelf 3.25

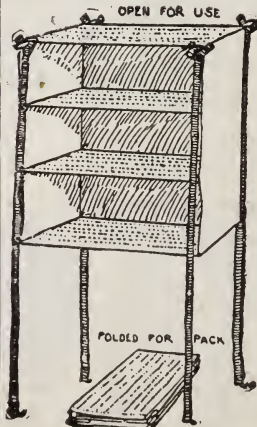
ROLLING TABLE TOP AND FOLDING LEGS

This article is made of Pantasote leather, stiffened by hard maple slats, slipped into pockets on the underneath side. The table can be set up by driving a stake into the ground at each corner, connected by pieces on which the top rests, or one can carry a set of folding legs. The top when open is 2x3 ft. and when folded is 2 ft. by 9x1 in. and only weighs 3 lbs.



- 4A17 Top only\$3.00
- 4A18 Folding Legs only..... 1.50

FOLDING SHELVES

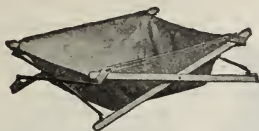


Made of strong, dyed canvas, the shelves are stiffened by using hard maple slats slipped into pockets on the underneath side. In use these shelves can be hung. Size, open, 18x24x9 inches.

Folded, 18x9x1 inches. Weight, 3 lbs. Pat. in U. S. Pat. Office.

- 4A19\$4.75

"COLDSTREAM" COMBINATION BASIN AND TUB



Coldstream is a combination wash basin and bathtub—the most practical and serviceable outfit for the army officer, camper and automobile tourist. The above cuts show its use both as bathtub and as wash basin. To convert from wash basin to bathtub simply lift off the top canvas and spread the legs. The outfit folds up flat into a space 33x5x4 inches. The bathtub and basin are made of heavy brown waterproof duck and the basin is equipped on side with canvas soap dish. Legs fold up like "lazy tongs," thoroughly strong and practical.

4A1569 Weight, complete, 7 lbs. Price..... \$4.25

COLLAPSIBLE WASH BASIN



Made of brown canvas with supporting rings in top and bottom to hold its shape. Collapses flat. Diameter, 12x3 in. deep. Capacity, one gallon. Weight, 7 ounces.

4A1563 \$.60

RUBBER WASH BASIN

Made of white rubber drill with folding steel ribs to hold it upright. Rubber surface of the material makes this basin very clean and sanitary. Diameter, 15 in. at top and 12 in. at bottom. Collapses flat.

4A1564 \$1.75

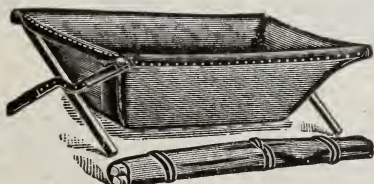
"TRIPOD" WASH STAND



This stand is built on the same principle as the Tripod Stool and folds perfectly tight. The basin is collapsible, but is held in rigid shape by the stand when opened. Fills a long-felt want in camp and summer cottage. Folds 3 feet long and 2 inches square. Bowl is heavy rubber duck, guaranteed, 11 inches square, weight, 2 lbs.

4A11 \$.85

FOLDING CAMP BATHTUB



The frame is of hard wood, nicely finished, and so constructed as to stand firmly and is kept in the same position, no matter what weight the tub contains. Tub made of very closely woven duck, rubber coated. The tub is not suspended, but rests on the ground its entire length. Top is 5 feet long, 27 inches wide, 16 inches deep; 5 feet long by 5 inches square when folded; weight, 16 lbs.

4A1568 \$10.00

FOLDING RUBBER BATHTUB

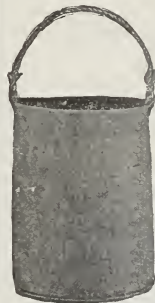


These bathtubs are the old English model that have been used for years. Circular and fold up in very compact space and fit in khaki bag as shown in cut.

	Size	Weight	Price
4A1594	16-inch	2¼ lbs.	\$5.50
4A1595	25-inch	3½ lbs.	8.75
4A1596	28-inch	4 lbs.	11.00
4A1597	32-inch	4¾ lbs.	16.50

COLLAPSIBLE WATER BUCKET

Rope Handle



The canvas bucket is almost indispensable on the trail where pails and other buckets cannot easily be toted. They can be flattened down to practically nothing. Brown waterproof canvas, weight 8 oz., capacity, 3 gallons. 9 in. diameter, 12 in. high.

4A1561 \$.70

CANOE AND AUTO BUCKET

Made of brown canvas with spout for autoists to facilitate pouring and without spout for canoeists. Both tie at top to prevent slopping. Capacity, 2½ gallons. Weight, 12 oz.

4A1565 Auto bucket with spout \$1.00
 4A1566 Canoe bucket, no spout, Weight, 10 oz.... \$.85



RUBBER CHAMBER



Light, clean and sanitary. Made of best quality red rubber with stiff rim and ring handle. Folds up perfectly flat. 8½ in. wide, 3 in. deep.

Weight, 7 oz. Packed in cloth case.
 3A1567..... \$1.50

KHAKI WALL POCKET



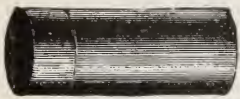
For holding the "little things" in camp. When moving camp it can be folded together and rolled up with contents. Can be hung up most anywhere in the tent or on forked stakes, and is a great convenience.

Twelve Full Box Pockets, 3, 9x8 in., 4, 6½x7 in., 5,

5½x4½ in., and fifteen loops at top to hold small articles. Weight, 1 lb.

4A920 \$2.00

WATERPROOF MATCH BOX



Made of hard rubber with a screw top. Absolutely waterproof and will float if dropped overboard. With each box is supplied a perforated cap which screws inside the top so box can be used as a pepper, salt or spice sprinkler.
3A1781 Size, 1¼x3 inches; weight, 1 oz. \$.40

D-LITE LANTERN



The one we recommend above all other kerosene lamps for camp use. Will not blow out, easy to fill, guarded globe, hinged at bottom, very strong and durable.

10 candle-power.
 Oil capacity, 24 hours.
 Bright tin finish.
 Height, 13 inches.
 Weight, 37 ozs.
3A1570 \$1.25

CAMP LANTERN

A most excellent model for camp, boat and general use. Adopted by the United States Army. Made with tubular frame and skeleton bottom. Guarded globe. Hinged top. Strong and durable. Fount locks with bayonet catch. Burns kerosene. Oil capacity, 16 hours. Four candle-power light. Bright tin finish. Height 11 inches; weight, 41 ozs.
3A1582 \$1.25



DRIVING LANTERN



Made especially for driving and the most popular "dash" lamp in the market. A very good camp lantern also. Has corrugated reflector and bull's-eye lens. Fitted with spring clip and handle and has side lever for raising globe. Burns kerosene. Twelve candle-power light. Oil capacity, 19 hours. Blue Japan finish. Height, 13 ins.; weight, 19 ozs.
3A1583 \$.75

COMBINATION LANTERN
 Burns Kerosene, Signal Oil or Candles

A satisfactory all-around lantern. Double-guarded globe, bail handle, spring top. Spring-clip oil fount; capacity, 15 hours. Fitted with extra burner for signal oil and candle holder. Two candle-power light. Bright tin finish. Height, 10¾ inches; weight, 31 ozs.
3A1584 \$.75



THE "DRESSEL" LANTERN



A lantern that has been made after considerable experimenting and we consider this lamp a most perfect model for camping purposes. The frame work is of galvanized steel and will not rust and the patent burner gives an excellent light. Will stay lit in the strongest wind and the globe is protected so that it is almost impossible to break it. This is the strongest lantern of its kind made.

Height, 11 inches weight, 2¾ pounds. Price..\$1.25

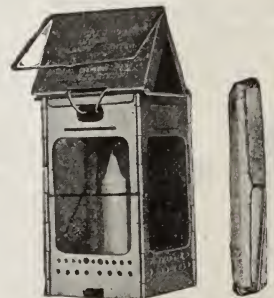
ARMY CANDLE STICKS



When these two candle sticks are screwed together and the two cups for holding candles laid flat inside they make a round pocket piece 1⅝x3½-inch diameter and weigh 5 ozs. Made of polished brass.
3A1372 \$1.25

FOLDING CANDLE LANTERN—AUTOMATIC

An ideal lantern for campers. Simple, light and compact. Folds flat and carries in the pack or pocket. All parts connected — nothing to get lost or mislaid. Set up, ready for use in a moment. Size, open, 10x4¼x4 inches. Size, folded, 7½x4½x¾ inches. Made with reflecting back and slot for hanging. Adopted by United States Army.



4A1585 Aluminum, weight, 9 ozs..... \$2.50
3A1586 Brass, weight, 19 ozs..... 2.50
3A1587 Tin, weight, 16 ozs..... 1.50
4A1588 Extra Mica Slides. Each..... .20

Lantern Cases

Very convenient for use with the folding lanterns shown above. Protects the lantern from injury and the pack or pocket from soiling. Made of fine russet leather, hand sewed, fastening with strong, snap-button. Size, 9½x5½. Weight, 4¼ ozs.

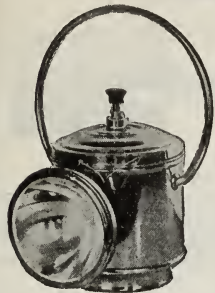
4A1589 \$1.25

CANDLES

Special hydraulic pressed—will not soften from heat, are odorless and will not drip.

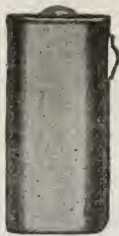
4A1590 Length, 4 inches. Diameter, ⅞ inch. Price, per dozen..... \$.25
4A1591 Length, 4 inches. Diameter, 1⅞ inches. Price, per dozen..... .40

ELECTRIC LAMPS



Watchman's Lantern. This is the safest, cleanest and handiest lantern made. The light is switched on or off with the same hand that carries it. It contains a powerful battery and will give fourteen hours continuous service or twenty-eight hours intermittent service. The lantern can be used when surrounded by the most explosive gases.

- 3K6056 Complete..... \$5.50
- 3K6052 Renewal Tungsten battery... .75
- 3K5978 Renewal Mazda bulb20



Vest Pocket

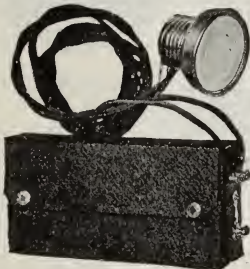
Torpedo hunting case flash light, rounded corners, no projections. Fresh battery can be instantly inserted. Contacts positive. Nickel cases.

- 3K6011 3/4x1 7/8x3 1/4 complete\$1.00
- Renewal Tungsten Battery No. 750.. .30
- Mazda bulb20
- 3K6012 3/4x2 3/4x3 1/4 complete 1.25
- Renewal Tungsten Battery40
- Mazda bulb20
- Vest Pocket Flash Light
- 3K6081 3/4x1 1/2x2 3/4 complete85
- Renewal Tungsten Battery30
- Mazda bulb20
- 3K6082 3/4x2x2 7/8 complete 1.10
- Renewal Tungsten Battery40
- Mazda bulb20



Nickel plated Tubular Tungsten Flash Lights—cases pure brass heavily nickel plated, thoroughly insulated, no possibility to short circuit, side switch. Burns continuously 8 hours, intermittently 16 hours.

- 3K6013 1 1/2x6 1/2 complete \$1.50
- Renewal Tungsten Battery..... .30
- Mazda Bulb20
- 3K6014 Same as above excepting larger battery with extra large lens and reflector, complete.
- 1 1/2x8 1/2 \$2.40
- Renewal Tungsten Battery..... .40
- Mazda Bulb..... .20



Cap and Lapel Lights. Two pins are located at the Lack of this lamp so that it can be fastened in the cap. The battery case is carried in the pocket and on it is a switch by which the light can be turned on and off. With the lamp mounted on the cap, the light is always projected in the direction the head is turned.

- 3K6053 Cap lantern (5-cell, complete) \$5.50
- 3K6050 Renewal Tungsten battery75
- 3K5978 Renewal Mazda bulb.. .20

Cap and Lapel Light. Same as above except smaller, has no leather case for the battery and no magnifying lens over the light.

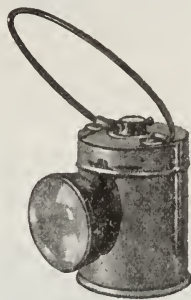
- 3K6051 Lapel light (complete) \$2.00
- 3K6051 Renewal Tungsten battery45
- 3K4959 Renewal Mazda bulb.. .20



Electric Tungsten Candles. Electric candles are the most attractive decorations used. Candles are self-contained, carrying their own battery, producing their own current. Can be carried as easily as wax candles, but have the advantage of being absolutely safe, giving a steady light. Burns from 3 to 5 hours.

- 3K6010 Enameled candle and nickel base.. \$3.50
- 3K6005 Renewal battery \$.40
- 3K5979 Renewal Mazda bulb \$.45

THE "HANDY" ELECTRIC HAND LANTERN



A new model which is very compact and gives an unusually good light. Makes an ideal lamp for the camper, canoeist or tourist, also a very handy article to have around the home. Made very strong throughout so that it will stand hard usage. The light is turned on or off by merely pressing a button on the top of the lantern. The battery will give 14 hours of continuous light. Has a very powerful lens which magnifies the light wonderfully.

- Lamp with battery..... \$3.50
- Extra batteries45
- Extra bulbs20

IMPROVED "MADACO" SCALE



We consider this scale the best one of its kind ever made. It is very strong, unusually well made and very accurate. An elegant addition to the bathroom or training quarters. You simply step on the platform and your exact weight is ascertained in a second. The finish is a pure white enamel, thoroughly baked on; the dial operates on the same order as a speedometer—the weight showing through the aperture in the top of circular plate in front.

- The platform is inlaid with best cork.
- Capacity of scale 250 lbs.
- Height 8 inches.
- Platform 8 inches x 10 inches.
- Weight of scale 25 lbs.
- Price \$10.00

FERROSTAT VACUUM BOTTLE



We consider this bottle one of the greatest inventions of modern times; it is far superior to the old type of vacuum bottles—its great feature being that it is unbreakable.

The container is all made of steel and after considerable experimenting the bottle is now made so that it is almost a perfect vacuum. It will keep any liquid cold for 24 hours and hot for 72 hours. The outside casing is very strong steel, highly nickel plated and has a cup which is screwed on the top for drinking purposes.

- 1 quart size..... \$5.50

"HUDSON BAY" AXE



A special design with rounded bit and wide heel. Hand-made throughout of very best materials and warranted perfect.

Solid steel heads, finely tempered. Best hickory handles.

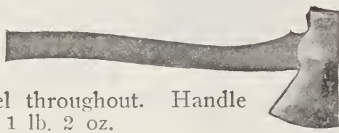
- 4A1613 23-inch handle; weight, 1½ lbs. Price \$.90
- 4A1614 27-inch handle; weight, 2 lbs. Price 1.00
- 4A1615 Axe sheaths for above, weight, 5 oz. 1.50

FITCH BELT AXE

Built on the Hudson Bay pattern. Best effective light axe made.

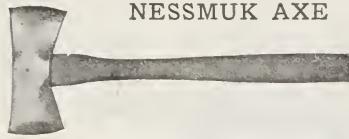
Best grade of steel throughout. Handle 16-in. long, weight, 1 lb. 2 oz.

- 4A1619 With sheath \$2.00



NESSMUK AXE

Double blade, finely tempered, best steel throughout. Handle second growth hickory. Length of handle, 16-in., width of head, 1½-in., cutting face, 2½-in., weight, 1 lb. 2 oz.



- 4A1620 With sheath \$2.50

"A. & F." AXES

A good axe is one of the main requisites of a good camp and care should be exercised in its selection. We have given a great deal of attention to our axes, and those we offer cannot be improved upon for quality and general utility. They are made expressly for us, on patterns devised by ourselves, and of the very best materials. Ebonite finish.

- 4A1600 Quarter axe, 19-inch handle; weight, 2 lbs. \$.75
- 4A1601 Half axe, 24-inch handle; weight, 2½ lbs.85
- 4A1602 Three-quarter axe, 28-inch handle; weight, 3 lbs.85
- 4A1603 Full axe, 36-inch handle; weight, 5 lbs. 1.15
- Sheath for ¼ axe 1.20
- Sheath for ½ axe 1.35
- Sheath for ¾ axe 1.40
- 3A1605 Leather sheaths for full axe; weight, 8 oz., with sling strap..... 1.50

BOY SCOUT HATCHET

The head is made of chrome nickel steel, and in one solid piece of steel, and not welded as other makes of hatchets are usually made. The handle is of selected second growth hickory, furnished with good leather sheath.

- Weight complete with the sheath 1½ lbs. Price, complete head, black finished..... \$1.00
- Same as above but with full polished head... 1.20

NEW TRAPPER'S AXE

Made the same shape and the same high grade of steel being used as in the Boy Scout hatchet listed above—has a 16-inch handle and weighs 2 pounds complete with leather sheath. Price, complete head, black finished..... \$1.25

- Same as above but with full polished head.. 1.50

TREKKING SHOVEL



Take-down shovel for automobile and camp use. Can be taken down by unscrewing wing nut and put in tool box of car. The knocked down length overall 16½ inches, put together 29½ inches, blade 6½ inches wide, 9½ inches long. Very best steel, strong and durable. Weight, 3 lbs. 9 oz.

- 4A886 \$1.00

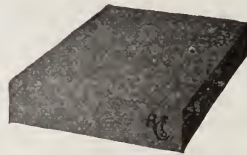
INTRENCHING SHOVEL

Designed and used by the U. S. Government. The handiest little shovel made for trench digging or any other use where a small shovel is required. Very strongly made. Length overall 22 inches. Size of blade 8x6½.

- Price \$1.00

POCKET AXE STONES

- 3A1621 Carborundum, 2½x2½x½ in.; weight, 3½ oz. Price... \$.25
- 3A1622 Carborundum Combination, 4x1½ in.; weight, 2 oz. One side smooth, the other rough, in leather case..... .75
- 3A1623 India, 3x1½x½ in.; weight, 3½ oz.25
- 3A1624 India Combination, 3x1¾x1½ in.; weight, 3 oz. One side rough, the other smooth. In leather case.... .50



COMBINATION AXE AND KNIFE STONE

A good stone for all-round sharpening—one that will do heavy axe work, as well as sharpen the finest knife—this round India Stone should be in your outfit. Has two faces—a coarse carborundum side for rough cutting and a fine India side for finishing. Three inches diameter; weight, 6¼ oz.



- 3A1628 \$.35
- 3A1629 Leather Case which has a loop on the back for attaching to belt... \$.15

PIKE SHARPENING STONE



A small vest-pocket size stone with coarse and fine sides. Size, 1¾ x ¾ inch thick. Weight, 2½ oz. Leather case supplied with each stone.

- 3A1627 \$.75

MARBLE'S SAFETY POCKET AXES

With Folding Spring Guard

- 3A1609 12-inch hickory handle, steel head, with welded steel bit; weight, 20 oz. Price \$1.35
- 3A1610 Metal handle, hard rubber side-plates, solid steel head; weight, 21 oz. Price 2.25
- 3A1611 Same as No. 3A1610. Fitted with folding pick 3.50
- 3A1612 Same as No. 3A1610. Fitted with folding nail claw..... 2.50

HUNTING AND SKINNING KNIVES

The selection of a hunting knife should be made with great care as to quality, size, shape and balance. Our own knives are each designed for a particular purpose. We use a special grade of knife steel which, in addition to taking a very keen edge, is very tough.

FITCH HUNTING KNIFE



Made of best-grade butcher's steel, hand-forged and hand-ground, handles selected genuine stag, 3 3/4 inches long, blade 4 1/4 inches long, 1 in. wide. Saw-tooth back to prevent slipping. An excellent skinning knife. Weight, 4 1/2 oz. Complete with best quality sheath\$2.75

"A. & F. SPECIAL" HUNTING KNIFE



Special steel, solid ebony handle, with hand checked grasp and "Thistle" butt. Fitted with long, snug-fitting sheath, which prevents the knife from working loose from the sheath.

- 4F1644 4 1/2-inch blade; weight, 5 oz.\$2.25
- 4F1645 6-inch blade; weight, 6 oz. 2.50

"CHASSEUR" SKINNING KNIFE



A favorite pattern for general skinning and butchery work. Made of best steel with solid tang entire length of handle and strongly riveted. Scored ebony handle.

- 4F1651 5-inch blade, leather slip sheath, weight, 4 1/2 oz. \$.55

"HUDSON BAY" SKINNING KNIFE



For fine and difficult skinning work, where nicety of manipulation is necessary, this knife has no equal.

- 4F1652 5-inch blade; weight, with sheath, 3 3/4 ounces \$.65

"ROCKY MOUNTAIN" SKINNING SET

Many expert trappers and hunters prefer a knife-steel to a sharpening stone for keeping a keen edge on a skinning knife. The skinning of heavy hides of all kinds requires frequent whetting of the knife and we know of no more handy and convenient means than this set. Knife is our famous "Chasseur" and the steel is specially made for the purpose and has a good "bite." Sheath hand made of best heavy oak leather with wide belt loop. Weight, complete, 12 oz.

- 4F1653 Knife, steel and sheath. Complete. \$3.75



BOWIE KNIVES



Made of very fine steel on the original Bowie pattern. Tang runs entire length of handle. Fine imported staghorn handles with cross-guard. A strong, heavy knife for rough work. Fitted with flat scabbard sheath of very handsomely embossed leather.

- 4F1646 5-inch blade; 7 1/2 oz. \$2.25
- 4F1647 5-inch blade; 9 oz. 2.50
- 4F1648 7-inch blade; 9 1/2 oz. 3.00
- 4F1649 8-inch blade; 10 oz. 3.25
- 4F1650 9-inch blade; 10 1/2 oz. 3.75

BRUSH KNIFE



An excellent camp implement. Used in same manner as a small hatchet, for clearing out trails, traveling through swamps, canebrakes, etc.

- 4F1674 10-in. blade; weight, 22 oz. With sheath \$3.25

MACHETES



The very best implement for clearing up around camp and cutting out brush and small stuff. Unequaled as a general utility tool.

- 4F1673 28-in. long, weight 1 1/2 lbs. \$1.10
- 4F1672 Leather sheath 1.00

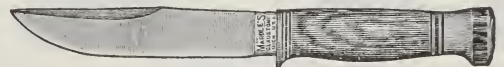
MARBLE "Ideal" Hunting Knife



Hollow ground blade. Chisel back for chopping bones, etc. Laminated leather handle with stag tip. Fitted with tube sheath and point protector.

- 4F1658 5-in. blade; wgt., with sheath, 8 oz. \$2.00
- 4F1659 8-in. blade; wgt., with sheath, 8 oz. \$2.25
- 4F1660 7-in. blade; wgt., with sheath, 10 oz. \$2.50

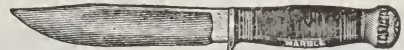
"EXPERT" HUNTING KNIFE



Similar in general design to the "Ideal" but blade is flatter and sharper and knife is lighter.

- 4F1661 5-in. blade; wgt., with sheath, 5 oz. \$2.00
- 4F1662 6-in. blade; wgt., with sheath, 6 oz. \$2.25

"CANOE" KNIFE



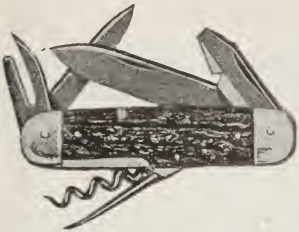
A short, heavy knife designed for rough use. Laminated leather handle.

- 4F1664 4 1/2-in. blade; wgt., with sheath, 5 oz. \$2.00

"SKINNING KNIFE"

Thin bladed and made similar to our "Gloucester." Staghorn handle with finger-slot.

- 4F1667 5-in. blade; wgt., with sheath, 5 oz. \$2.25



3K5253 Finest Imported Kit Knife. Very best steel; fine stag-horn handles with heavy bolsters; very strongly made and fitted with most practical tools; has 2½-inch blade, 1½-inch blade, powerful screw-driver, nail puller, can opener, reamer and fine cork-screw; a good serviceable knife in every way and recommended for every sportsman's kit. Weight, 4 oz. **\$4.00**

3K5496 Army & Navy Knife same as above with Indestructo handle magnetic steel. **\$2.00**



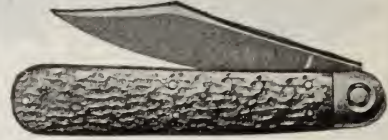
3K5246 American "Brush" Knife. Fine steel with curved hook blade for pruning; wood handle with bolster and hole for cord; 3-inch blade; weight, 4 oz. **\$.50**



4K5250 Fine Imported Clasp Knife. Hunting Pattern. Lock back; very best steel with fine stag-horn handles and bolster; a very light but powerful knife and suitable for most hunting purposes; 3½-inch blade; weight, 3 oz. **\$2.25**



3K5255 One of the famous old "Barlow" Knives. American make; good steel; "easy opener"; bone handle with steel bolster; has 4-inch blade; weight, 4½ oz. **\$.50**



4K5248 "Snap Open" or One-Arm Knife. American make; best steel; imitation stag handle with bolster; a most handy clasp knife; blade flies open and locks when spring is touched; 3½-inch blade; weight, 4¾ oz. **\$1.25**



BOY SCOUT KNIFE

4K5225 Best grade American steel, with horn handle. Contains can opener, reamer, strong whittling blade, screw-driver, bottle opener. Shackle attached at end so knife can be carried on chain. **\$1.25**



4K5240 Imported Jack-knife. Finest steel; horn handles with bolsters; 1 large and 2 small blades; weight, 2½ oz. **\$2.00**



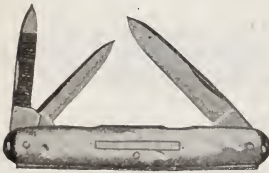
4K5227 Imported Pocket Knife. Very powerful blades; 1 large and 1 small; fine stag-horn handles; weight, 1½ oz. **\$1.25**



4K5497 Tool-Kit, can be carried in pocket. Made of brown cowhide grain containing saw, file, chisel, reamer, large and small, screw-driver and knife, all of which fit in one handle. Made up of good steel. **\$3.00**



4K5254 Swedish Pocket Knife. Unusually thin model; best quality of Swedish steel blades; handsomely decorated handle. The most up to date pocket knife obtainable. Contains 3 blades and a nail file; weight 2 oz.; 3¼ inches over all. **\$3.50**



4K5252 The "Handy" Pocket Knife. Made by the famous English cutlery manufacturer, George Wostenholm, of Sheffield; handsome knife in appearance; contains the following: 1 large blade, 1 small blade, 1 nail file; pearl handle. Weight 3 oz.; length over all, 3½ inches. **\$3.25**



4K5234 Imported Pocket Knife. Product of Geo. Wostenholm, Sheffield, England. The steel in the blades will not rust or stain—has 1 large and 1 small blade; white celluloid handle with plate in handle for name to be engraved on; weight 2 oz.; length over all, 3¼ inches. **\$2.00**



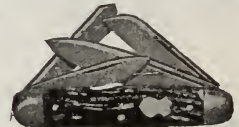
4K5237 "Cattlemen's" Knife. Best imported steel, stag-horn handles, with bolsters; has 1 large, 1 medium, 1 small and 1 spaying blade; weight, 3 oz. **\$2.50**



4K5233 Best American Jack-knife. Very strong blades; best stag-horn handles with heavy bolsters; 2 blades; weight 2 oz. **\$1.75**



4K5235 Best Imported Jack-Knife, very powerful blades, 1 large and 2 small; best stag-horn handles with bolsters; weight, 2 oz. **\$2.00**



4K5243 "Cattlemen's" Knife. Best imported steel; fine wood handle with bolsters; 1 large; 1 medium and 1 spaying blade; weight, 3 ounces. **\$2.00**



4K5945 American "Lanyard" Knife. Fine steel and very strong; wood handle with bolster and hole for cord; 3-inch blade; weight, 3½ oz. **\$.50**

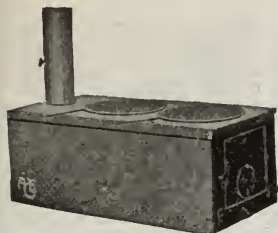


3K5236 American "Easy-Opener" Jack-knife. Very strongly made and good steel; 1 large and 1 small blade; chony handles with bolster; weight, 4 oz. **\$.75**



2K5160 English Combination Knife. The famous Geo. Wostenholm & Son material and make of the finest throughout; a very handy little pocket knife; 1 large, 1 small blade; pair of scissors, nail file; weight 3 oz.; length 2¼ inches. **\$5.00**

FOLDING CAMP STOVE



This stove is most useful and convenient where space has to be considered in packing. Folds up 1 inch thick. It is made of sheet steel, all edges wired and thoroughly braced. The lids are sheet steel with rim wired so that a handle is formed, which makes

the stove lighter than with cast iron lids. Each stove supplied with five lengths of two-foot telescopic pipe, with adjustable spring damper and sliding draught door. For oven we supply aluminum bakers (see page 33), which bake and roast perfectly against the side of stove.

Stoves are regularly made without bottom, but we furnish a bottom with legs if desired at extra cost of \$2.50.

Order No.	Size	Holes	Weight	Each
4A1681	10x12x18	1	16 lbs.	\$5.75
4A1682	10x12x26	2	18½ lbs.	6.25
4A1683	10x12x31	2	20 lbs.	6.75
4A1684	10x12x36	3	22 lbs.	8.00
4A1685	Canvas case for stove and pipe....			1.50

BOX CAMP STOVES

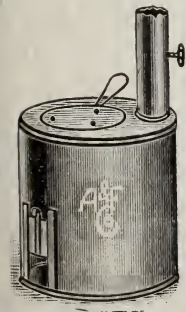
Made of same material as folding stoves and strongly reinforced, but is not collapsible. The round ends add stiffness and stability and this stove will stand very rough usage. Much superior to sheet-iron stoves in every way. In packing, the cooking outfit, etc., goes inside the stove. Fitted with five lengths telescopic pipe, adjustable damper, lids and sliding draught door. Regular stove has no bottom.



Order No.	Size	Holes	Weight	Each
4A1686	10x12x18	1	15 lbs.	\$5.00
4A1687	10x12x26	2	17½ lbs.	5.50
4A1688	10x12x31	2	19 lbs.	6.00
4A1689	10x12x36	3	21 lbs.	7.00
4A1690	Any of the above sizes fitted with bottom and legs, making 7 to 12 lbs. additional weight, extra.....			3.00
4A1691	Canvas case for stove and pipe....			1.50

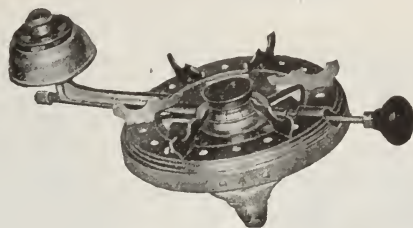
TENT STOVE

A bully little stove which makes a most satisfactory tent heater. Will heat a large tent comfortably in the coldest weather. Fire can be kept all night. Made of a size to fit over our cooking outfits in packing. Made of heavy sheet steel, 12 inches in diameter, 12 inches high. Fitted with four lengths of two-foot telescopic pipe, adjustable damper, lid and sliding draught. Can be used as a one-hole cook stove.



4A1721	Weight, complete, 11 pounds.....	\$3.00
4A1722	Canvas case for same, extra.....	1.00

THE "AYANEFCO" ALCOHOL GAS STOVE

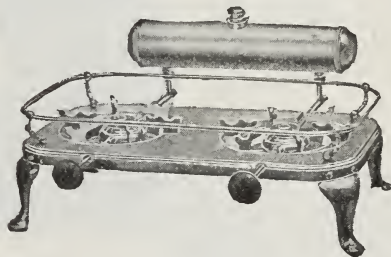


These stoves are made of hard brass throughout, which will not rust or break, and beautifully finished in bright nickel plate. For convenience in transportation they are made very light, and reservoir and handle unscrew for packing. They are fitted with a new and much improved form of burner and vaporizer, which gives, under absolute control, a very powerful flame.

Its operation is simplicity itself. The valve is opened and a small amount of alcohol allowed to run into the burner pan. Valve is then closed and alcohol ignited. In a moment the vaporizer is heated sufficiently to generate gas, when the valve is re-opened and the flame adjusted at pleasure.

4A1694 Single burner, weight, 2¼ lbs.... \$5.75

ALCOHOL YACHT STOVE



A perfect stove for permanent camps or general household use. The frame is made of galvanized steel and legs have holes for screwing down, so that it can be permanently fastened. All nuts, reservoir and fittings are of brass—nothing to rust. The burner is of liberal size, giving a large, hot flame. The rail is not high enough to interfere with fry-pan handle.

Order No.	Weight	Tank	Each
4A1699	Double burner, 13½ lbs.	2 quarts	\$11.50

TRAVELERS' COMPANION



Travelers' Companion, made of stamped steel, tinned, folding handles; can of solid alcohol and stand pack inside of pot. Weight, 14 ozs. Diameter, 5 inches; height, 2¾ inches.

Price, complete with can of solid alcohol.. \$.75
 Refillers of solid alcohol, height 2 inches, diameter 2½ inches, weight 4 ozs., burn 2½ hours.
 Price \$.10

KEROSENE OIL STOVE



Recommended for use in the arctic regions and above timber line, and where fire-wood is scarce.

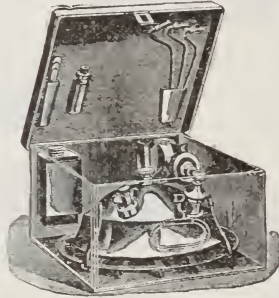
The most satisfactory kerosene oil gas stove in the market. Its particular merit is simplicity of design and operation, in which the faults common to other types of kerosene stoves have been obviated.

Reservoir has a capacity of three pints, and will burn 9 hours; explosion is impossible. Combustion is perfect, resulting in an intense, blue flame with no odor, smoke or soot.

- 4A1712 Brass burner and stand, weight, 3½ lbs. \$4.25
- 3A1713 Radiating drum, weight, 1¾ lbs... 1.00
- 4A1715 Canvas drum, weight, ¼ lb..... 1.00
- Double Burner Yacht Stove with frame and rail \$13.00

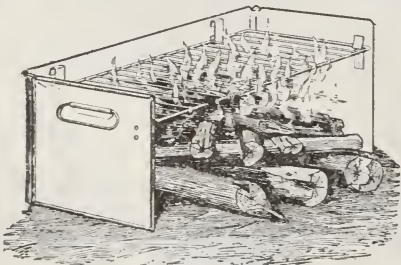
STOVE IN CASE

For convenience in carrying, we have designed a metal case, nicely japanned, in which the single-burner stove may be compactly fitted. The burner is removed from reservoir and a brass plug substituted, allowing the stove to be transported without emptying the oil. A can for alcohol is carried in the case, and spaces are arranged for the uprights and extra parts.



- 4A1718 Case complete, with stove, size, 9x9x5½ inches; weight, 5½ lbs..... \$5.50

THE ADIRONDACK CAMP GRATE



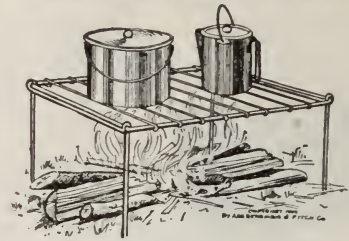
We consider this grate the most satisfactory one that has ever been devised—it is very compact, strong and practical.

You have perfect control of the heat—the draft at back controls fire and the shields around grate retain the heat.

It can be set up anywhere in 5 seconds—very cool to work at as the back and sides protect you from direct heat of fire while you are cooking.

- Size, folded, 19 inches x 10 inches x 1 in.
- Size of grate, 18 inches x 10 inches.
- Weight, 5¾ lbs. Price..... \$2.50
- Canvas case to hold above..... 1.00

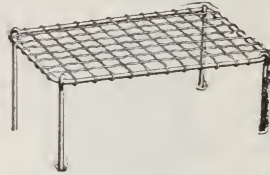
"ARIZONA" CAMP GRATE



A most serviceable article for camp cooking of all kinds, and especially for broiling. The frame is very rigid and, next to a stove, is the best portable support for pots, pans, etc. Folds up perfectly flat when not in use, and carries with the folding baker.

Order No.	Size	Weight	Each
4A1707	14½x10⅜ inches	2½ lbs.	\$.75
4A1708	24¾x12¼ inches	4 lbs. 6 oz.	1.00

SACKETT'S CAMP GRATE

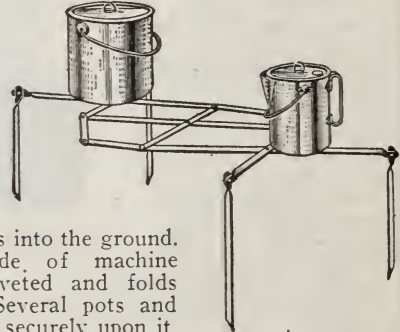


A handy little standard for camp or picnic use. Light, strong, and compact, folds perfectly flat and carries handily with folding baker.

- 3A1709 Size, 9x14 ins. Weight, 26 ozs.. \$.50

FOLDING CAMP GRATE

Made on the principle of a "lazy tongs" and requires no side logs for support. The height from the fire may be reduced by driving legs into the ground. Strongly made, of machine steel, well riveted and folds up snugly. Several pots and pans may rest securely upon it.



Size extended, 24 in. x 16 in. x 10 in. high; folded, 15 in. x 1 in. Weight, 2½ lbs.

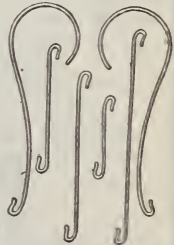
- 4A1705 \$2.00
- 4A1706 Canvas Bag60

POTHOOKS OR HANGERS

Every camp cook will at once appreciate the usefulness of this most handy little article. No more upset pots, spilled dinners or burned fingers.

Made of heavy steel wire, galvanized to prevent rust, in sets of six assorted sizes in carrying case.

- 3A107 Per Set \$.25



WIRE BROILER

Made of heavily tinned steel wire in the regular manner with strongly reinforced edges. Ring jointed, but is a special size made expressly to fit our folding bakers and packs flat in the carrying case.



- 4A104 7¾x18½ in.; weight, 11 oz. \$.20
- 4A105 10¾x18½ in.; weight, 16 oz.25
- 4A106 12¼x18½ in.; weight, 18 oz.30

"ALUMINOL" COOKING OUTFITS



These splendid outfits have made famous the name of Abercrombie & Fitch in all the far corners of the earth. Campers and explorers, canoeists and prospectors, engineers and army officers, yachtsmen and motorists have all tried, tested and praised their merit.

Constant experiment and steady improvement in the material and design, year after year, have brought them to a state of perfection which allows no comparison.

With the exception of the frying pans, all pieces in

the "Aluminol" sets are made of extra hard, thick aluminum, practically indestructible and will endure all manner of hard usage without serious damage.

This metal is non-poisonous, will not rust or corrode and is extremely light in weight.

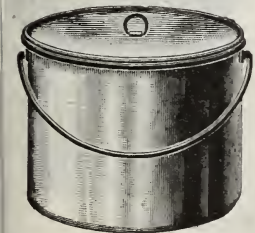
There are other aluminum sets on the market but they are made of thin, soft aluminum, which is utterly worthless—being made of an inferior alloy, which is too brittle or burns out readily.

Beware of such outfits as claim to have a tensile strength nearly equal to steel—we have been through all that in the past and our experiments have proven that the alloys were not practical.

With the "Aluminol" set we are now supplying steel frying pans, of the very best grade, highly polished, and fitted with Miller's patent folding handle, an entirely new pattern and absolutely perfect.

All parts are stamped in one piece, beautifully finished, and so designed as to nest perfectly. We offer these new "Aluminol" sets as the very best that can be procured for lightness, quality and durability, and we guarantee each and every part perfect.

We have here in detail the more important pieces of the outfit, prices of which are given on page 31. The styles and patterns of the new "Armorsteel" outfits shown on page 32 are also very similar, the sizes being only slightly different.



Cooking Pots.—All have permanently attached bail handles which cannot slip out or become lost. Made in five sizes—A, B, C, D, E. Each nests within the next larger pot and all fit into the largest pot, E, except when the large coffee pot is used and then the A pot is omitted. The A pot has

tight-fitting cover and makes a most excellent "bean pot." All made with inset covers.

Coffee and Tea Pots.—Made in two sizes and on a very unique pattern. Body and spout made in one piece, and there are no seams or solder to give trouble. Spout fitted with perforated strainer. Has folding bail and side handles and inset hinged lid. The small size nests in the A pot, the large size in the B pot, and the small size fits within the larger.



Cups.—Made in a generally approved shape and with specially designed open handles which enable them to nest perfectly and fit within either the large or small coffee pot.



Patent applied for.

Miller Frying Pan.—Made of steel. We recommend the steel pans, which are made of the finest steel and very highly polished. Has patent handle, light, strong and simple. When same is not in use it can be folded back so that it fits flat on the bottom of the pan. For use in cooking over a camp fire, where long handles are required, a stick of the desired length is inserted in the rings on the handles. The small size fits in the D pot and the large size carries on top of the outfit.

Plates.—Made of a favorite camp pattern, light, strong and handsome, with turned edges. Sides nearly straight and deep enough for stews, porridge, etc. Nest perfectly flat and fit inside the D pot.



Bowls.—A practical and convenient size for soup, cereals, fruits, puddings, etc. Nest snugly and, together with the cups, fit within either the large or small coffee pots.



ALUMINOL COOKING OUTFITS—Continued



Pans.—These handy utensils are used in many ways, as mixing and serving pans, vegetable dishes, baking, etc.

Sizes B, C and D are fitted with folding side handles for use as stew pans. All nest in cooking pots as follows: No. B into B, No. C into C, No. D into D, No. E into E and No. F carries on bottom of outfit which sets within it.

REGULAR "ALUMINOL" SETS

For convenience in ordering we have made up sets for 2, 3, 4, 6 and 8 persons. By making up the sets we save you the trouble of figuring out the "nesting" features of each piece and furnish you the correct size cooking pots, coffee pots, fry pan, etc., to nest completely inside of the largest pot. In each case the price of the set includes carrying case of canvas, but where shipments of the outfit are to be made by freight or express we strongly recommend the use of the more substantial fibre case.

Equipped for Two Persons

1 A cooking pot; 1 B cooking pot; 1 coffee pot, small; 1 frying pan, small; 2 plates, 2 cups, 2 soup bowls, 2 knives, 2 forks, 2 dessert spoons, 2 teaspoons.

4A22 Size, when nested, 9½x8¾ inches; weight, 6 lbs. 6 oz. Price, including canvas case \$12.65

Equipped for Three Persons

1 A cooking pot; 1 B cooking pot; 1 coffee pot, small; 1 frying pan, medium; 3 plates, 3 cups, 3 soup bowls, 3 knives, 3 forks, 3 dessert spoons, 3 teaspoons.

4A33 Size, when nested, 10x10 inches; weight, 7½ lbs. Price, including canvas case \$14.00

Equipped for Four Persons

1 A cooking pot; 1 B cooking pot; 1 C cooking pot; 1 coffee pot, small; 1 frying pan, large; 1 frying pan, small; 4 plates, 4 cups, 4 soup bowls, 4 knives, 4 forks, 4 dessert spoons, 4 teaspoons.

4A44 Size, when nested, 10x11¼ inches; weight, 10 lbs. 14 oz. Price, including canvas case \$20.65

Equipped for Six Persons

1 B cooking pot; 1 C cooking pot; 1 D cooking pot; 1 E cooking pot; 1 coffee pot, large; 2 frying pans, large; 6 plates, 6 cups, 6 soup bowls, 6 knives, 6 forks, 6 dessert spoons, 6 teaspoons.

4A66 Size, when nested, 11x12¾ inches; weight, 17¼ lbs. Price, including canvas case \$31.35

Equipped for Eight Persons

1 B cooking pot; 1 C cooking pot; 1 D cooking pot; 1 E cooking pot; 1 coffee pot, large; 2 frying pans, large; 8 plates, 8 cups, 8 soup bowls, 8 knives, 8 forks, 8 dessert spoons, 8 teaspoons.

4A88 Size, when nested, 11x12¾ inches; weight, 18¾ lbs. Price, including canvas case \$35.35

Separate Pieces for "Aluminol" Cooking Outfits
 Sizes given below allow for all lugs, handles and projections.

Order No.	Article	Size over all			Ounces Weight	Price
		Inches Wide	Inches Deep	Pints Capacity		
4A20	Cooking pot A and cover..	7	6½	6	15	\$2.20
4A21	Cooking pot B and cover..	8½	7½	9	20	2.75
4A23	Cooking pot C and cover..	9½	7½	13½	24	3.25
4A24	Cooking pot D and cover..	10½	8½	18½	30	4.00
4A25	Cooking pot E and cover..	11½	11½	31½	47	5.75
4A26	Coffee pot, large.....	7½	6½	6½	16	3.50
4A27	Coffee pot, small.....	6	6½	4½	12	3.00
4A30	Fry pans, special steel, 1'ge	11	2	....	30	.65
4A31	Fry pans, spec. steel, med.	9½	2	....	24	.60
4A32	Fry pans, spec. steel, small	8½	1½	....	20	.55
4A35	Plates	8½	....	....	4½	.40
4A36	Cups	4½	2½	....	2	.30
4A37	Soup Bowls	4½	2½	1½	2½	.30
*4A38	Pan B, folding handles....	7	2½	3	6½	1.20
*4A40	Pan C, folding handles....	8	2½	4	8½	1.40
*4A41	Pan D, folding handles....	9	3	6	10	1.65
*4A42	Pan E, no handles.....	10	3½	8	11	1.85
*4A43	Pan F, no handles.....	11½	4½	12	15	2.20
4A45	Table knives, steel.....	8½	long	....	1½	.30
4A46	Table forks	6½	long	....	....	.15
4A47	Dessert spoons	7	long	....	....	.15
4A48	Tea spoons	5½	long	....	....	.10
*4A49	Carving knife, steel.....	12½	long	....	5	.50
*4A51	Carving fork, steel.....	13	long	....	4	.30
*4A52	Cooking spoon, "Aluminol"	11½	long	....	2	.45
*4A53	Cake turner, steel.....	14½	long	....	3½	.10
*4A55	Salt and pepper boxes, tin	2	1½	....	1	.05
4A57	Pot holders, asbestos.....	5½	5	....	2	.15
*4A58	Dish mops	12½	long	....	2½	.10
*4A59	Dish towels	24	17	....	2½	.10
4A60	Canvas bags for sets.....	....	....	....	....	1.00

Pieces marked * are not included in regular outfits.

COOKING OUTFIT CASES



Fibre Cooking Outfit Case

The only safe and really practical case for carrying a cooking set. Light in weight, but absolutely unbreakable. Fitted with strong strap and lock-buckle. Outfit may be shipped or checked as baggage with perfect safety. No. 4A83 takes our regular 4A66 outfit with space at top for towels, basins, etc. No. 4A84 takes cooking outfit and pot stove. See page 28.

Order No.	High	Diameter	Weight	Price
4A83	15¼ in.	12¾ in.	4¼ lbs.	\$4.00
4A84	16½ in.	14 in.	4½ lbs	4.50

Wicker Cooking Outfit Case

Made by hand from best quality French willow with pin and loop fastener.

Order No.	Height	Diameter	Weight	Price
4A85	11 in.	11¼ in.	1¼ lbs.	\$3.00
4A86	12¾ in.	12¾ in.	1¾ lbs.	3.25
4A87	15½ in.	13¼ in.	2¼ lbs.	4.00

"ARMORSTEEL" COOKING OUTFITS



This outfit, which takes the place of our old "Retinned Steel Outfit," is, with the exception of our "Aluminol" sets, the very best cooking outfit to be had. The different pieces all correspond in shape and style to those in the "Aluminol" sets, varying only slightly in size. The weight, of course, is greater, but when this is not considered the outfit leaves nothing to be desired. All the pots are made of high-grade pressed "Armorsteel" and stamped in one solid piece — no joints, seams or solder. Handles are all permanently attached with riveted

lugs. All covers are inset and close fitting. The frying pans, which are made from special steel, are all fitted with Miller's Patent folding handle. This handle is attached to the pan—cannot work loose, and is a tremendous improvement over any other style of handle in the market.

With the exception of the frying pans, all pieces are double tinned and finely finished, and there is no other outfit of the kind made which can approach it for quality, service or price. These sets must not be confounded with the cheap retinned and tin-plated outfits on the market, to which it is superior in every way, and it is only necessary to compare them with those offered by other dealers for one to realize the vast difference in quality, design and compactness. "Armorsteel" is our own special make, sold by us exclusively, guaranteed absolutely, and cannot be obtained elsewhere.

"ARMORSTEEL" COOKING OUTFITS

Solid Seamless Steel. Double Tinned.

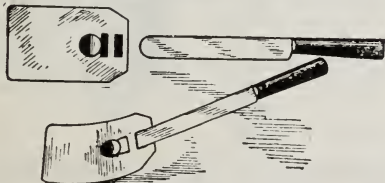
COMPLETE OUTFITS

The number of pieces in these outfits is the same as the "Aluminol" sets on page 31. They nest in precisely the same manner, but are not interchangeable with the "Aluminol," as the sizes vary slightly.

The sets listed below are carried regularly in stock, but will be made up in any manner to suit and pieces will be omitted or extra pieces added as desired. Prices quoted include carrying case.

- 4A222 Set complete for two persons.
Weight, 6¾ lbs. \$4.40
- 4A333 Set complete for three persons.
Weight, 7½ lbs. 4.85
- 4A444 Set complete for four persons.
Weight, 12 lbs. 6.90
- 4A666 Set complete for six persons,
Weight, 17½ lbs. 9.35
- 4A888 Set complete for eight persons.
Weight, 19¼ lbs. 9.90

"FLAPO-O" CAKE TURNER



One of the niftiest little tricks for the camper we have ever seen. Made of flexible steel, highly polished. Slips on and fits securely any ordinary table knife and makes the best cake turner to be had. Makes the best sort of a scraper for bread board, table or kettles and is handy as a fish-scaler. Size, 3x4½ inches.

- 4A103 \$.10

SEPARATE PIECES OF "ARMORSTEEL"

Sold singly or included in sets at the following prices:

Order No.	Article	Size Over All		Capacity Pints	Weight Ozs.	Each
		Wide	Deep			
4A61	Cooking pot	7¼	6¼	6¾	18	\$.75
4A62	Cooking pot	8½	6¾	9½	22	.85
4A63	Cooking pot	9¾	7¾	14½	34	.95
4A64	Cooking pot	10¾	9	22	44	1.55
4A65	Coffee pot	6¾	5¾	4	17	1.10
4A67	Frying pan with handle	8¾	1¾		20	.55
4A68	Frying pan with handle	9¾	2		24	.60
4A69	Frying pan with handle	11	2		30	.65
4A70	Soup bowls	4¾	2½	1	3	.09
4A71	Cups	4	2¾		34	2½
4A72	Plates	8¾	1		4	.05
4A73	Forks		7¼		1	.04
4A74	Knives		8¾		2	.10
4A75	Teaspoons		5¾		¾	.03
4A76	Dessert Spoons		7¾		1¼	.04
4A77	Cooking spoons		14		7	.10
4A78	Carving knife		10¼		4	.20
4A79	Carving fork		15		3	.15

WHITE ENAMELED WARE

These are of the very highest grade enamel, made of special steel, nickered and covered with best enamel, carefully baked to insure toughness. Will not chip, crack or break unless subjected to a tremendous blow or strain. When weight is not considered in the outfit these pieces will be found most satisfactory in every way, and they have the advantage of a handsome appearance and great ease in cleaning. Finished in pure white, inside and out, with neat blue borders. Cups, bowls and plates nest with our "Aluminol" ware, and are the same sizes, except the cups, which are a trifle larger.

Order No.	Diameter	Depth	Weight	
4A109	Plates, 9½-in.	1-in.	9 ozs.	\$.35
3A110	Saucers, 5¾-in.	¾-in.	3½ ozs.	.15
4A111	Cups, 4¾-in.	2¾-in.	3½ ozs.	.30
4A112	Soup Bowls, 4½-in.	2¾-in.	4½ ozs.	.30

BOY SCOUT COOKING OUTFIT



This outfit is not a boy's toy. The Boy Scouts created a large demand for a light, small cooking kit that could be used for day trips, so we prepared the dies and carefully worked out a nesting scheme to supply fry pan, stew pan, covered pot, cup, fork and spoon in small space. Our famous "Miller" folding handle is used on the fry pan. The material is the same as used in our large outfits, and when nested the whole kit fits inside of a khaki carrying case, 3½ inches deep and 7 inches in diameter with shoulder strap. Weight of complete outfit is 1¾ pounds.

3A89 Complete, with case..... \$1.50

ALUMINUM BOY SCOUT COOK OUTFIT



Makes a most excellent outfit for the canoeist or hiker going off on one-day trips. Consists of the following items: Fry pan, stew pan, cup, cooking pot, fork and spoon (the stew pan can also be used for a plate). All of the outfit is contained in a perfect-fitting khaki bag with shoulder straps. Weight, 1½ lbs. Size packed, 7x8x3½ inches.

Price complete **\$2.50**

POCKET KOOK KIT

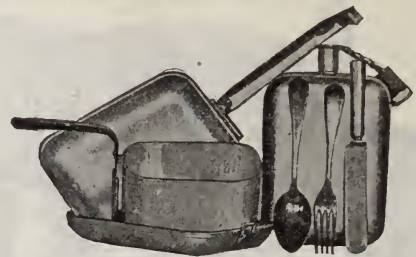


When packed this entire outfit measures 2x3½x8½ inches and weighs only 31 ozs. The Outfit consists of a folding broiler, racks which thrust into the ground, a pair of frying pans with detachable handles (pans fit together and form an airtight roasting or baking pan), a narrow pot and two drinking cups with detachable handles. All fold and nest together, and there is room for forks, knives and spoons, as well as for small portions of salt, pepper, tea, coffee or sugar. Made to easily carry in the pocket. A most compact small kit.

4A1365 \$2.00

Canvas carrying case with shoulder strap... **.75**

"PRESTON" MESS KIT



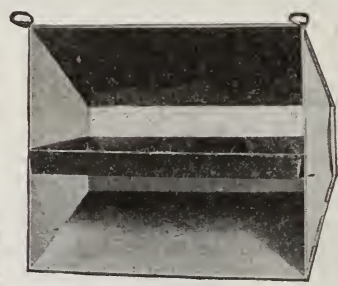
A splendid little outfit for individual service afield. Consists of canteen, frying pan, stew pan, plate, knife, fork and spoon. When desired, plate locks over frying pan and makes an excellent baker.

Canteen has removable felt jacket for keeping water cool, and entire outfit nests compactly and carries in canvas case, size, 9½x6x4 inches, with shoulder straps. Canteen is of tin with attached stopper. Fry pan, stew pan and plate of aluminum. Plated knife, fork and spoon. Used extensively by the U. S. Army for foreign service and highly recommended.

4A91 Full -size Canteen. Weight, 2¼ lbs. \$7.00

4A92 Half-size Canteen. (Space for food.) Weight, 2 lbs..... 7.50

ALUMINUM FOLDING BAKERS



Probably no one article ever invented has done so much toward the comfort and convenience of the camp cook. They are absolutely perfect bakers and roasters, either with the open camp fire or the camp stove, and their light weight,

together with the simple and compact manner in which they fold up for transportation, endears them to every woodsman. They are simple in construction, yet strong, and when folded, together with the pan, make only an inch in thickness. They will bake the most delicate cakes and biscuit or roast meats, fowl or fish better than a regular oven, and by moving them about, any degree of heat may be obtained at pleasure. Each baker has folding shelf attached and comes with steel baking pan.

4A100 Size of pan, 8x12 ins. Weight, complete, 2 lbs..... \$3.85

4A101 Size of pan, 8x18 ins. Weight, complete, 2¾ lbs..... 4.40

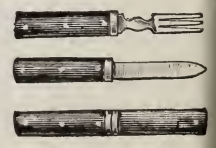
4A102 Size of pan, 10x18 ins. Weight, complete, 5 lbs..... 5.95

Bread Board, made of smooth pine wood. Weight, 1¼, 2 and 2¼ lbs. **.75**

Canvas Carrying Case and Shoulder Strap. Weight, 1 lb..... **1.50**

COMBINATION KNIFE AND FORK

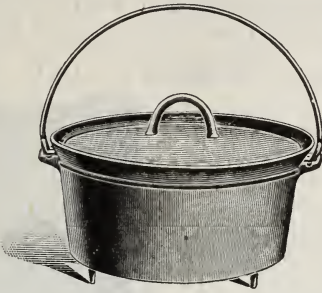
A most handy little contrivance—practical and good. Place knife and fork point to point and press together and each point slips inside the handle of the other and carries in the vest pocket. Length, 7¾ inches. Width, ¾ inches. Weight, 2 ozs.



4A98..... \$ 1.50

DUTCH OVEN

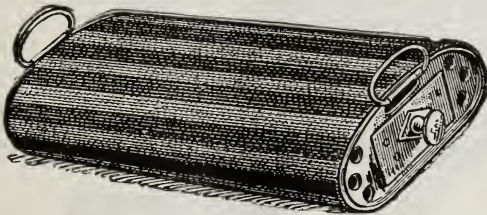
The old-fashioned Dutch oven has never been surpassed for outdoor cooking and baking. Made of heavy polished iron with sunken lid, so that there is a hollow top to receive hot coals. These ovens are extra deep, a very necessary consideration in roasting and bread baking, and unlike the cheaper Dutch ovens have a bail for easy removal from the fire. This oven will make first-class bread and biscuits and do the general baking and roasting accomplished by other ovens. If its weight is not inconvenient, this heavy iron style will be found perfection. Where no stove is to be carried, you can roast and bake, in one of these simple ovens, everything that a good cook can prepare in a stove.



This oven will make first-class bread and biscuits and do the general baking and roasting accomplished by other ovens. If its weight is not inconvenient, this heavy iron style will be found perfection. Where no stove is to be carried, you can roast and bake, in one of these simple ovens, everything that a good cook can prepare in a stove.

Order No.	Diameter Top	Diameter Bottom	Inches Deep	Quarts Capacity	Weight	Price
3A1343	10	9	4½	5	8⅞ lbs.	\$1.75
3A1344	12½	11	5¼	8	14⅝ lbs.	2.50
3A1345	13¼	11½	6	12	17¼ lbs.	3.00

PORTABLE HEATER



For use in carriages, autos, boats, ice-yachts, duck-blinds, etc. Burns prepared coal-bricks and gives off a steady and considerable heat. One brick burns 10 to 15 hours. No smoke, flame or gas. Bricks should be ignited before placing in the heater. Strongly made of galvanized metal, weight, 4½ lbs. Price\$2.00
Coal-bricks, weight, 7½ lbs. to the dozen. Per dozen 75

REFRIGERATOR BASKET



This refrigerator basket is a strong, light-weight, good-looking, rattan basket. Between the rattan body of the basket and the inside metal lining there is a layer of asbestos and a layer of felt. In one end of the basket there is a small compartment for holding the ice, which is easily removed, so that the little refrigerator may be kept clean. The lids and bottom are treated in the same way and a strip of heavy felt is piped all around the edge of the lids so that when they are closed down and the straps fastened across, the basket is practically airtight. The top and bottom is of wood.

No. 0. 13 in. long, 9 in. wide, 7 in. deep. Price \$4.50
No. 1. 18 in. long, 10 in. wide, 8 in. deep. Price 5.75
No. 2. 20 in. long, 13 in. wide, 10 in. deep. Price 6.00
De Luxe Basket, for automobile; special finish; 25x14x10 inches. Price..... 12.00

HOT WATER PLATE

Made of steel, heavily re-tinned; double bottom filled with boiling water, by means of screw-cap, the best and only means of keeping food hot for a considerable time in cold weather when eating out of doors. Diameter, 8¾ inches; depth, 1½ inches. Weight, 12½ ozs. Price..... \$.75



WOOD SALT SHAKER

This shaker will keep the salt drier than any other salt receptacle. Shaker with screw top is watertight, but salt will absorb moisture as quickly as it is exposed in any damp place. This shaker is turned out of birch wood, and as the wood is not varnished or coated in any way on the inside, it has a tendency to absorb moisture in the salt. When the top is removed it fits on the bottom of the shaker—it doesn't get lost. Weight, 1½ ozs. 3A121 \$.15



FRICTION-TOP CANS

Useful and desirable in a hundred different ways. No. 3A1855 makes the best kind of holder for salt, pepper, mustard, etc. No. 3A1856 is handy for carrying the day's supply of tea, butter, etc. No. 3A1857 makes the best container for many articles and for carrying small supplies of tea, coffee, chocolate, milk, etc. Nos. 3A1855 and 3A1856 are stamped from one piece of tin. No. 3A1857 is machine clamped.



Order No.	Diameter	Depth	Price
3A1855	2⅞-in.	1 -in.	\$.05
3A1856	3⅜-in.	1 -in.	.05
3A1857	3⅜-in.	5⅞-in.	.10

FRICTION-TOP TINS

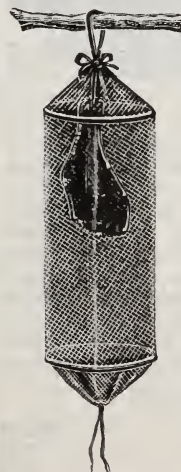
The only practical utensil for carrying and storing in camp such articles as lard, butter, cottolene, etc. Also for keeping dry tea, coffee, sugar, salt, matches, etc.



Tops fit snugly, are absolutely watertight and easily removed. Both sizes fit the 10-inch duffle bags.

3A1853 Diam., 8-in.; depth, 3-in.; weight, 11 ounces. \$.25
3A1854 Diam., 8-in.; depth, 6-in.; weight, 16 ounces. .40

COLLAPSIBLE MEAT SAFE

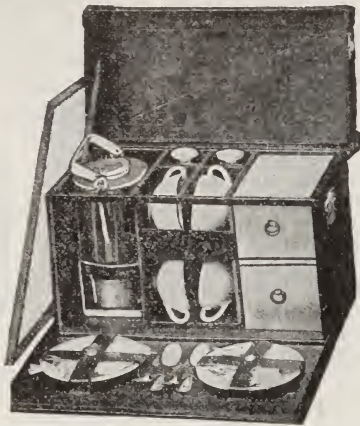


Flies, the pest of the camp and the despair of the cook, can be kept away from meat, fish and provisions by the use of this safe. Suspended in the tent, or from the limb of a tree, it affords perfect protection and yet leaves everything free to the air. Made of extra strong English bobbinet, which stands repeated washings. 3A1729 Size 36 in. long, 18 in. diameter; weight, 8 oz. \$2.00

AUTO TREKKING TEA BASKETS, LUNCH CASES AND REFRIGERATORS

Waterproof, Strong and Practical. Guaranteed to Give Satisfaction or Money Refunded

**TREKKING AUTO LUNCH KIT
TEA BASKET**



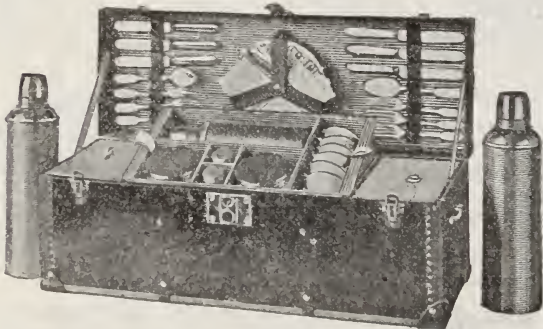
For four persons. Made of three-ply veneered basswood, covered with waterproof black enamel duck.

Hardware, brass nickel plated. Sole leather corners, dust and water proof. Blue and white.

Contains four china cups and saucers, two nickel boxes, four teaspoons, four napkins, one bottle for liquids and can for tea and sugar, nickel-plated teapot, with interior strainer. Nickel-plated windshield and solid alcohol lamp, with nickel-plated tray.

Size: 15x8x9½. Weight, 11 lbs. 12 ozs.
3K7900 Price \$25.00

**RESTAURANT FOR AUTO RUNNING
BOARD**



We have now perfected this complete outfit, which takes up very little space, contains everything which the auto tourist requires en route. Outfit is really an ornament on any car no matter how good the car may be. The case is of best quality basswood veneer, covered with heavy waterproof enamel duck. Bound with fibre, protected at bottom with a wood binding, held firmly in place by steel clamps—has nickel lock, corners and catches. Inside are two large food boxes, has a removable tray which contains 6 cups, 1 butter jar, 1 fruit jar, salt and pepper shakers, and space for 1-pint vacuum bottle—underneath tray is divided space for 2 quart vacuum bottles—in top are 6 knives, 6 forks, 6 plates, 6 napkins and 2 dessert spoons. Straps are provided for fastening to running-board. Dust- and waterproof cover is provided. No bottles included.

Price \$24.00
Prices of Thermos Bottles: 1-pint size, each.. 2.25
1-quart size, each..... 3.25

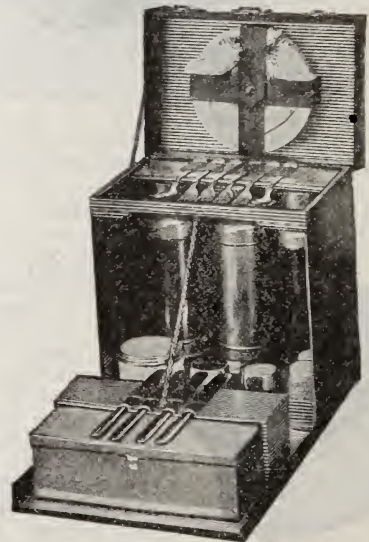
TREKKING AUTO LUNCH KIT



Made of three-ply veneered first-quality basswood, covered with heavy-grain black enamel waterproof duck. Reinforced bottom. Handsome washable lining. Sole leather corners. Nickel-plated brass lock and catches. Handle on top and straps for fastening to running board. For four people.

Size, 15½x12x9. Weight, 12¼ lbs.
3K7902 Price..... \$14.00

DROP FRONT TREKKING LUNCH KIT



For four persons. Nickel-plated brass lock and snap. Sole leather corners. Contains four each knives, forks, plates, napkins, two tablespoons, pepper and salt shaker, four cups, butter jar, large nickel lunch box, and space for firmly holding in upright position three pint Thermos bottles.

Size, 12 inches long x 14 inches high x 8¾ inches deep. Weight, 14 lbs.

3K7903 Price..... \$20.00
Same box, made a trifle larger, equipped for six persons, and spring device for holding two quart and one pint Thermos bottles.
3K7904 Price..... \$25.00

AUTO TREKKING TEA BASKETS, LUNCH CASES AND REFRIGERATORS

Waterproof, Strong and Practical. Guaranteed to Give Satisfaction or Money Refunded

TREKKING AUTO LUNCH KIT



For two. Made of three-ply best veneered basswood, covered with black enamel waterproof duck. Contains two knives, forks, large lunch box, two plates, and compartments for two pint Thermos bottles.

Size, 14½ x 4½ x 11 inches. Weight, 5 lbs.

4K7905 Price.. \$5.50

TREKKING AUTO LUNCH KIT



Contains six each knives, forks, plates and napkins, and two serving spoons in cover.

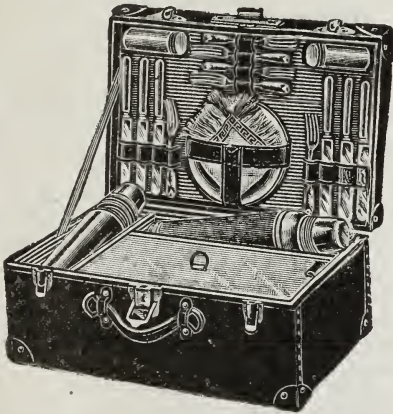
Tray fitted with large lunch box, butter jar, pepper and salt shakers, four nickel cups, and compartments for one pint and one quart Thermos bottles, and one quart Thermos food jar. A large compartment below tray in which any extras can be carried.

Size, 21x16x9½ inches. Weight, 20½ lbs.

3K7909 Price..... \$20.00

MOTOR RESTAURANT

A compact and strong outfit; everything to make a meal enjoyable along the road. Made in suitcase form. Box made of basswood, very strong, covered with enameled waterproof duck, reinforced on the corners with steel to give added strength; lined with a material easily cleaned with a damp cloth; has tray, and underneath tray additional space for carrying extra food, etc. Knives, forks, plates, cups and napkins for four people. Tray contains food box and spaces for two pint bottles. Nickel lock and catches on outside of case.



Price complete, without the bottles..... \$10.00
 Same as above for 6 persons..... 12.00
 Pint Thermos Bottles, each..... 2.25

LUNCH COMPANION

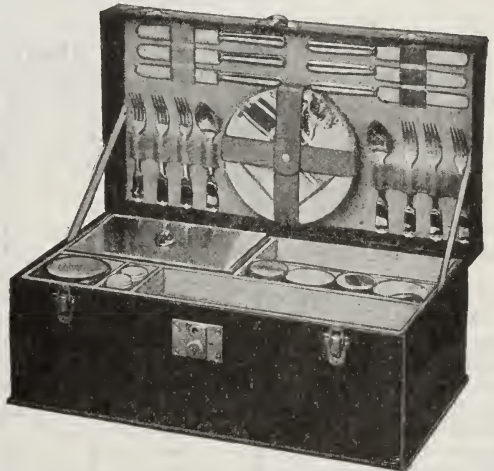


A very neat, well-made and compact outfit, which contains one Thermos bottle and one sandwich box—makes a most satisfactory article for carrying one's lunch for the day—extensively used by school children throughout the

states. The case is made of strong basswood and covered with black waterproof duck. The sandwich box is made of a very strong metal, polished, and the bottle is the famous Thermos make.

1-quart size, complete.....\$7.25
 1-pint size, complete..... 4.25
 ½-pint size, complete..... 3.75

TREKKING RUNNING BOARD LUNCH KIT



For six persons. Made of first quality three-ply veneered basswood, covered with heavy grain waterproof black enameled duck. Sole leather corners riveted on. Catches and locks nickel-plated brass. Steel frame. Water and dust proof. Contains six each knives, forks, plates, napkins and two serving spoons in cover, with tray containing large lunch box, six enameled cups, pepper and salt shakers, butter jar, compartments for one pint and one quart Thermos bottles. Tray lifts. Large compartment in bottom for extras. Handle on top. Anchors on side and straps for fastening to running board.

Size, 22x12x9½ inches. Weight, 18 lbs.

3K7910 Price..... \$18.00

Note: Price does not include Thermos bottles. Bottles are extra.

PROVISIONS

From "CAMP COOKERY," By Horace Kephart
Printed by permission of Outing Publishing Co.

We would advise anyone interested in Camp Cookery or Woodcraft to purchase these books by Horace Kephart. They are filled with valuable and very necessary information for all campers and hunters.

- No. 3A1975 "Camp Cookery," cloth binding \$.70
- No. 3A1974 "The Book of Camping and Woodcraft," cloth binding..... \$ 1.50

PROVISIONS

"The table gives four distinct estimates of food required by four men in two weeks, graded according as they travel light or heavy, in warm weather or in cold. The quantities will suffice without counting on game or fish. The difference between 'light' and 'heavy' is chiefly due to fresh potatoes and canned goods."

RATION LISTS, FOUR MEN, TWO WEEKS (56 RATIONS)

	Light		Heavy	
	Summer	Winter	Summer	Winter
Meats, etc.				
Salt pork.....		10 lbs.		10 lbs.
Bacon	12 lbs.	12	10 lbs.	10
Ham	5	5	5	5
Dried beef or fish....	3	3	3	3
Canned meats.....			4	4
Canned fish.....			4	4
Beef extract	½	½	½	½
Concentrated soups....	2	2	2	2
Desiccated eggs.....	2	2	2	2
Butter	6	6	6	6
Cheese			2	2
Lard	3	3	3	3
Powdered milk.....	3½	3½		
or Evaporated (28 small cans)			12½	12½
Lbs.	37	47	54	64
Bread, etc.				
Fresh bread.....			5 lbs.	5 lbs.
Wheat flour.....	24 lbs.	24 lbs.	20	20
Corn meal.....	5	10	5	10
Rice	5	5	5	5
Rolled oats.....	2	2	2	2
Grits	2	2	2	2
Macaroni	1	1	1	1
Baking powder.....	½	1½	1	1
Lbs.	40½	45½	41	46
Vegetables				
Potatoes (fresh).....			30 (3bu.)	30
Onions (fresh).....	5	5	5	5
Carrots (fresh).....			5	5
Tomatoes (canned)...			10 (c'n)	10
Dehydrated vegetables.	4	4		
Beans	4	6	4	6
Split peas.....	2	2	2	2
Canned baked beans..	3	3	3	3
Lbs.	18	20	59	61
Beverages				
Coffee (roasted, gr'd)	4	4	4	4
Tea	1	1	1	1
Chocolate, unsweetened	1	1	1	1
Lbs.	6	6	6	6
Sweets				
Sugar (granulated)...	8	10	5	5
Syrup			3 (1 qt.)	6
Jelly, jam, marmalade.			5	5
Lbs.	8	10	13	16

	Light		Heavy	
	Summer	Winter	Summer	Winter
Acids				
Vinegar				
Pickles			1 (pt.)	1
Lemons			2	2
Citric acid (c. p.; cryst)..	¼	¼	4 (2 dz.)	
Lbs.	¼	¼	7	3
Fruits, etc.				
Evap. apples, apricots.	3	3	3	3
Raisins, dates, figs....	2	2	2	2
Canned blackberries,				(12
cranberries, pineapple			24 cans)	24
Shelled nuts, or nut butter	2	2	2	2
Lbs.	7	7	31	31
Condiments				
Salt (if allowing for curing skins, etc., take 10 lbs.).....	2		2	2
Pepper (white).....	1 oz.	1 oz.	1 oz.	1 oz.
Cayenne or chili.....	1 oz.	1 oz.	1 oz.	1 oz.
Worcestershire sauce..			1 bot.	1 bot.
Olive oil.....			1 bot.	1 bot.
Tomato catchup.....			1 bot.	1 bot.
Brandy.....			½ pt.	½ pt.
Mustard.....			1 bot.	1 bot.
Sage, celery seed, nutmeg, cloves, cinnamon, ginger, curry powder	x	x	x	x
Lbs.	2¼	2¼	6	6
Light Heavy				
Total lbs.....	119	138	217	233
Per man, per day...	2½	2½	3⅞	4⅞

"Meat of any kind will quickly mould or spoil if packed in tins from which air is not exhausted. Put pork, bacon, or ham in loose cheesecloth bags that can be hung up in camp, and pack them in parchment paper for transit; so also cheese. Flour, meal, cereals, vegetables, and dried fruits go in stout bags. Ordinary flour sacks are too weak, and wet through too easily. Salt, as it draws moisture, is best carried in a wooden box or screw-top wooden mailing tubes; butter, coffee, tea, sugar, jam, etc., in pry-up tin cans. Label everything plainly. * * *

FIRES

"The success of outdoor cookery depends largely upon how the fire is built and how it is managed. * * *

"Often a good bed of coals is wanted. The campfire generally supplies these, but sometimes they are needed in a hurry, soon after camp is pitched. To get them, take *sound hardwood*, either green or dead, and split it into sticks of uniform thickness (say 1¼ inch face). Lay down two bed-sticks, cross these near the ends with two others, and so on up until you have a pen a foot high. Start a fire in this pen. Then cover it with a layer of parallel sticks laid an inch apart. Cross this with a similar layer at right angles, and so upward for another foot. The free draft will make a roaring fire, and all will burn down to coals together.

DRESSING AND KEEPING GAME AND FISH

"It is common practice to hang deer by gambrels with the head down; but, when hung head up, the animal is easier to skin, easier to butcher, drains better, and does not drip blood and juices over the neck and head, which you may want to have mounted for a trophy. Dried blood is very hard to remove from hair or fur. If the skin is stripped off from rear to head it will be hard to grain.

"The more common way of skinning a deer, when the head is not wanted for mounting, is to hang it up by one hind leg and begin skinning at the hock, peeling the legs, then the body, and finally the neck, then removing the head with skin on (for baking in a hole), after which the carcass is swung by both legs, and is eviscerated. * * * * *

"Venison keeps a long time without curing, if the climate is cool and dry. To cure a deer's ham, hang it up by the shank, divide the muscles just above the hock, and insert a handful of dry salt. The meat of the deer tribe gets more tender and better flavored, the longer it is hung up. In warm weather dust flour all over a haunch or saddle of venison, sew it up in a loose bag of cheesecloth, and hang it in a shady place where there is a current of air. It will keep sweet for several weeks, if there is no crevice in the bag through which insects can penetrate. Ordinarily it is best not to salt meat, for salt draws the juices. Bear meat, however, requires much salt to cure it—more than any other game animal. Hornaday recommends the following recipe for curing venison:—

The proportions of the mixture I use are:

- Salt.....3 lbs.,
- Allspice.....4 tablespoonfuls,
- Black Pepper.....5 tablespoonfuls,
- all thoroughly mixed.

* * * * *

"To keep fish in camp: scale, clean, and behead them; then string them by a cord through their tails and hang them, head down, in a shady, dry, breezy place. Never use fish that have been lying in the sun or that have begun to soften. Ptomaine poisoning works in a mysterious but effectual way.

"To dry fish for future use: split them along the back, remove the backbones and entrails, salt the fish and hang them up on a frame over a smudge until they are well smoked. Or, make a trough by hewing out a softwood log, place the split fish in this, and cover them with a weak brine for one or two nights. Make a conical bark tepee on a tripod, suspend the fish in it, and dry and smoke them over a small fire for three days and nights.

"To ship rabbits, squirrels, etc.: do not skin them, but remove the entrails, wipe the insides perfectly dry, wrap in paper, and pack them back down.

"Never pack birds or fish in straw or grass without ice, for in damp or warm weather this will heat or sweat them. Do not let them freeze, as they will quickly spoil after thawing. Food in a bird's crop soon sours; the crop should be removed.

"To preserve birds in warm weather for shipment: draw them, wash the inside perfectly clean, dry thoroughly, and then take pieces of charcoal from the fireplace, wrap them in a thin rag, and fill the abdominal cavity with this. Also fill the bill, ears, eyes, and anal opening with powdered charcoal, to keep off the flies and prevent putrefaction."

"CAMP COOKERY"

By Horace Kephart

MEAT

"The main secrets of good meals in camp are to have a proper fire, good materials, and then to impregnate in each dish, at the outset, its natural juice and characteristic flavor."

Frying

"Do not try to fry over a flaming fire or a deep bed of coals; the grease would likely burn and catch aflame. Rake a thin layer of coals out in front of the fire; or, for a quick meal, make your fire of small dry sticks, no thicker than your finger; boil water for your coffee over the flame, and then fry over the quickly formed coals."

Broiling

"Fresh meat that is tender enough to escape the boiling pot or the braising oven should either be broiled or roasted before a bed of clear, hard coals. Both of these processes preserve the characteristic flavor of the meat and add that piquant, aromatic-bitter 'taste of the fire' which no pan nor oven can impart. Broil when you are in a hurry, but when you have leisure for a good job, roast your meat, basting it frequently with drippings from the pan below, so as to keep the surface moist and flexible and insure that precise degree of browning which delights a gourmet."

Roasting

"Build a rather large fire of split hardwood (soft woods are useless) against a high backlog or wall of rocks which will reflect the heat forward. Sear the outside of the roast (not a bird or fish) in clear flames until outer layer of albumen is coagulated. Then skewer thin slices of pork to upper end; hang roast before fire and close to it by a stout wet cord; turn frequently; catch drippings in pan or green-bark trough, and baste with them."

Braising

"Tough meat is improved by braising in a Dutch oven, or a covered pot or saucepan. This process lies between baking and frying. It is pre-eminently the way to cook bear meat, venison shoulders and rounds. Put the meat in the oven or pot with about two inches of hot water in the bottom, and a bit of bacon or pork (but not for bear). Add some chopped onion, if desired, for seasoning. Cover and cook about fifteen minutes to the pound. A half hour before the meat is done, season it with salt and pepper.

"The gravy is made by pouring the grease from the pot, adding a little water and salt, and rubbing flour into it gradually with a spoon."

GAME

"The following additional details are supplementary to what has gone before, and presuppose a careful reading of the preceding pages.

"Game and all other kinds of fresh meat should be hung up till they have bled thoroughly and have cooled through and through—they are tenderer and better after they have hung several days. Venison especially is tough until it has hung a week. In no case cook meat until the animal heat has left it: if you do, it is likely to sicken you. This does not apply to fish. Frozen meat or fish should be thawed in very cold water and then cooked immediately—warm water would soften it and steal its flavor.

"**Game Pot Pie**—Take ½ teaspoonful baking powder to ½ pint of flour, sift together, and add a teaspoonful lard or butter by rubbing it in, also a pinch of salt. Make a soft biscuit dough of this, handling as little as possible and being careful not to mix too thin. Roll into a sheet and cut into strips about 1½ inch wide and 3 inches long, cutting two or three little holes through each to let steam escape. Meantime you have been boiling meat or game and have sliced some potatoes.

"When the meat is within one-half hour of being done, pour off the broth into another vessel and lift out most of the meat. Place a layer of meat and potatoes in bottom of kettle, and partially cover with strips of the dough; then another layer of meat and

vegetables, another of dough, and so on until the pot is nearly full, topping off with dough. Pour the hot broth over this, cover tightly, and boil one-half hour, without lifting the pot cover, which, by admitting cold air, would make the dough 'sad.' Parsley helps the pot, when you can get it."

SQUIRRELS

Squirrels, Fried—Unless they are young, parboil them gently for ½ hour in salted water. Then fry in butter or pork grease until brown. A dash of curry powder when frying is begun improves them, unless you dislike curry."

"Squirrels, Broiled—Use only young ones. Soak in cold salted water for an hour, wipe dry, and broil over the coals with a slice of bacon laid over each squirrel to baste it."

POSSUM

"Stick him, and hang him up to bleed until morning. A tub is half filled with hot water (not quite scalding) into which drop the possum and hold him by the tail until the hair will strip. Take him out, lay him on a plank, and pull the hair out with your fingers. Draw, clean, and hang him up to freeze for two or three nights. Then place him in a 5-gallon kettle of cold water, into which throw two pods of red pepper. Parboil for one hour in this pepper-water, which is then thrown out and the kettle re-filled with fresh water, wherein he is boiled one hour.

"While this is going on, slice and steam some sweet potatoes. Take the possum out, place him in a large Dutch oven, sprinkle him with black pepper, salt, and a pinch or two of sage. A dash of lemon will do no harm. Pack sweet potatoes around him. Pour a pint of water into the oven, put the lid on, and see that it fits tightly. Bake slowly until brown and crisp. Serve hot, *without* gravy."

BIRDS

"Game Birds, Fried—Birds for frying should be cut in convenient pieces, parboiled until tender in a pot with enough water to cover, then removed, saving the liquor. Sprinkle with salt, pepper, and flour (this for the sake of the gravy), fry in melted pork fat, take out when done, then stir into the frying fat one-half cupful dry flour till a dark brown, add parboiling liquor, bring to a boil, put game in dish, and pour gravy over it, or serve with one of the sauces described below.

"Game Birds, Broiled—Split them up the back, broil over the coals, and baste with a piece of pork on tined stick held over them. Fillets of ducks or other large birds may be sliced off and impaled on sticks with thin slices of pork.

"Game Birds, Fricasseed—Any kind of bird may be fricasseed as follows: Cut it into convenient pieces, parboil them in enough water to cover; when tender, remove from the pot and drain. Fry two or three slices of pork until brown. Sprinkle the pieces of bird with salt, pepper, and flour, and fry to a dark brown in the pork fat. Take up the bird, and stir into the frying fat half a cup, more or less, of dry flour, stirring until it becomes a dark brown; then pour over it the liquor in which the bird was boiled (unless it was a fish-eater), and bring the mixture to a boil. Put the bird in a hot dish, and pour gravy over it.

"To Cook a Large Bird in a Hurry—Slice off several fillets from the breast; impale them, with slices of pork, on a green switch; broil over the coals.

"Grouse, Broiled—Pluck and singe. Split down the back through the bone, and remove the entrail. Wipe out with damp towel. Remove head and feet. Rub inside with pepper and salt. Flatten the breast, brush over with melted butter, or skewer bacon on upper side, and grill over a hot bed of coals."

FISH

"Fish, Broiled—If a broiling iron is used, first rub it with fat bacon to prevent fish from sticking to it. In broiling large fish, remove the head, split down the back instead of the belly, and lay on the broiler with strips of bacon or pork laid across. Broil over a rather moderate bed of coals so that the inside will cook done. Small fish are best broiled quickly over ardent coals. They need not have heads removed.

"When done, sprinkle with salt and pepper, spread with butter (unless you have used bacon), and hold again over fire until butter melts."

FISH CHOWDER

"Cut the fish into pieces the right size for serving, and remove all the bones possible. For 5 or 6 lbs. of fish take ¾ lb. clear fat salt pork, slice it, and fry moderately. Slice two good-sized onions and fry in the fat. Have ready ten potatoes, pared and sliced. Into your largest pot place first a layer of fish, then one of potatoes, then some of the fried onion, with pepper, salt, and a little flour, then a slice or two of the pork. Repeat these alternate layers until all has been used. Then pour the fat from the frying-pan over all. Cover the whole with boiling water, and cook from twenty to thirty minutes, according to thickness of fish. Five or ten minutes before serving, split some hard crackers and dip them in cold water (or use stale bread or biscuits similarly), add them to the chowder, and pour in about a pint of hot milk.

"The advantage of first frying the pork and onion is that the fish need not then be cooked overdone, which is the case in chowders started with raw pork in the bottom of the kettle and boiled."

BREADSTUFFS

"Wheat Bread and Biscuits—When baking powder is used, the secret of good bread is to *handle the dough as little as possible*. After adding the water, mix as rapidly as you can, not with the warm hands, but with a big spoon or a wooden paddle. To knead such bread, or roll it much, or even to mould biscuits by hand instead of cutting them out, would surely make your baking 'sad.' As soon as water touches the flour, the baking powder begins to give off gas. It is this gas, imprisoned in the dough, that makes bread light. Squeezing or moulding presses this gas out. The heat of the hands turns such dough into Tom Hood's 'putty.'

"Biscuit Loaf—This is a standard camp bread, because it bakes quickly. It is good so long as it is hot, but it dries out soon and will not keep. For four men:

- 3 pints flour,
- 3 heaping teaspoonfuls baking powder,
- 1 heaping teaspoonful salt,
- 2 heaping tablespoonfuls cold grease,
- 1 scant pint cold water,

"Amount of water varies according to quality of flour. Baking powders vary in strength; follow directions on can."

MIXING DOUGH

"To Mix Dough Without a Pan—When bark will peel, use a broad sheet of it (paper birch, basswood, poplar, cottonwood, slippery elm, etc.) It is easy to mix unleavened dough in the sack of flour itself. Stand the latter horizontally where it can't fall over. Scoop a bowl-shaped depression in top of flour. Keep the right hand moving round while you pour in a little water at a time from a vessel held in the left. Sprinkle a little salt in. When a thick, adhesive dough has formed, lift this out and pat and work it into a round cake about 2½ inches thick."

SQUIRREL SOUP

"Put the squirrels (not less than three) in a gallon of cold water, with a scant tablespoonful of salt.

Cover the pot closely, bring to the bubbling point, and then simmer gently until the meat begins to be tender. Then add whatever vegetables you have.

When the meat has boiled to a rag, remove the bones. Thicken the soup with a piece of butter rubbed to a smooth paste in flour. Season to taste."

HELPS FOR THE HUNGRY

The following simple recipes will enable anyone to prepare a variety of wholesome dishes over the camp fire. All quantities are calculated for four persons.

Coffee.—Have the coffee ground fine, place eight heaping dessertspoonfuls in a hot coffee pot, add two quarts of boiling water and set beside the fire for a few minutes. Never boil coffee.

Tea—Place four heaping teaspoonfuls of tea in a hot pot, add two quarts of boiling water, set beside the fire for a few minutes. Never boil tea.

Chocolate.—Make a paste with two heaping dessertspoonfuls of milk powder and eight dessertspoonfuls of chocolate and a little water; add two quarts of boiling water and sweeten to taste.

Biscuit.—Place two pints of flour in bread pan, add two heaping teaspoonfuls of baking powder, one level teaspoonful of salt, some cold pork fat the size of an egg and thoroughly mix while dry; add six heaping dessertspoonfuls of evaporated milk and cold water enough to make as soft a dough as can be rolled on the bread-board, which has been previously sprinkled with flour. Roll about one-half inch thick and cut into convenient pieces with knife. Place in the greased pan, place the pan in the rack of the baker before the fire. Bake until a fork inserted in a biscuit shows no dough when withdrawn.

Bread.—Make the same as biscuit only thin enough with cold water to pour into a pan and bake in the same manner. This will make two panfuls.

Oatmeal.—To two quarts of boiling water add one teaspoonful of salt, then add while stirring two cups of oatmeal and boil for ten minutes.

White Sauce.—Take a piece of butter the size of an egg, melt slowly in the fry-pan and stir in thoroughly one heaping dessertspoonful of flour until perfectly smooth; add one-half teaspoonful of salt, one-quarter teaspoonful of pepper, a mixture of six heaping dessertspoonfuls of evaporated milk and one cup of hot water. Mix thoroughly while boiling. Serve with boiled fish.

Corn Bread.—Place one pint of flour and one pint of corn meal in the bread pan, add two heaping teaspoonfuls of baking powder, one level teaspoonful of salt, two dessertspoonfuls of dried egg, one teaspoonful of sugar and cold pork fat the size of an egg. Mix thoroughly while dry. Add six heaping dessertspoonfuls of evaporated milk and cold water enough to make a thick batter, stir until well mixed and pour into the greased pan; place the pan in the rack of the baker and the baker before the fire. Bake until a fork inserted in the bread shows no dough when withdrawn. This makes two panfuls.

Griddle Cakes.—Place two pints of flour in bread pan, add two heaping teaspoonfuls of baking powder, one level teaspoonful of salt, two dessertspoonfuls of dried egg, and thoroughly mix dry. Add six heaping dessertspoonfuls of evaporated milk and cold water enough to make a batter about the consistency of very thick cream or until it pours from the mixing spoon a continuous stream. Be careful not to make the batter too thin. Fry in the fry-pan, kept greased with a piece of pork fat held on a fork.

Baked Beans.—Wash two cups of beans and parboil until when placed on a fork or spoon and blown upon their skin suddenly splits, then drain, wash in cold water and drain. Cover the bottom of the bean pot about two inches deep with the beans, then place a piece of salt pork as big as a fist (about one pound) in the center, and pour the rest of the beans around and over. Add one-half teaspoonful of salt, one-quarter teaspoonful of pepper and one dessert-

spoonful of sugar, then cover with warm water; place a piece of thin cloth over the top and force on the lid. A hole has already been dug in the ground one foot deep and one foot in diameter in which a fire has been burning for several hours and stones made hot. Scrape out the ashes, coals and stones, put in the pot of prepared beans, pack and cover with the hot coals, and stones and cover all with earth. Leave for eight or ten hours, and in case of rain cover with bark. This is as delicious a dish as is known to woodsmen. A piece of venison added with the pork makes an acceptable variety. A pinch of dried onion is excellent.

Julienne.—Julienne is a mixture of vegetables cut in strips and dried. It supplies the vegetable acids craved by the human system. It may be used as a plain vegetable in a soup or in a stew. For a vegetable soak a cup of Julienne an hour, drain and boil with two quarts of water and one level teaspoonful of salt until tender; drain and serve with plain seasoning or with white sauce.

Stew.—Place the cup of Julienne in two quarts of boiling water, add one dessertspoonful of rice, one dessertspoonful of lentils, a pinch of onion and a half teaspoonful of salt; boil one-half hour, replacing water as it boils away, and add two pounds of venison, moose, rabbit, or of any meat or fowl; use marrow bones if possible and a little pork for seasoning, boil one hour, and if desired thicken when done with a paste made of one dessertspoonful of flour and some of the liquor from the stew. A stew is cooked best by slowly boiling, and there is less danger of scorching. When taking off the fire add four Bouillon Capsules.

Pot Roast.—Parboil Julienne and other vegetables the same as for a stew; add the meat, cover the pot as when baking beans and put it into a prepared bean hole and leave the same as baked beans. Season with pepper and mustard as desired.

Lentils.—Wash one cup of lentils in cold water, drain and put in two cups of boiling water. Add a level teaspoonful of salt. Boil one-half hour or until done, drain and serve with pepper, salt and butter to taste.

Rice Griddle Cakes.—In the recipe for griddle cakes substitute one pint of cold boiled rice for one pint of flour and proceed as for griddle cakes. Cold boiled potatoes, oatmeal or hasty pudding may be used in the same manner. If convenient save water in which rice is boiled to make griddle cakes.

Boiled Rice.—Thoroughly wash and rinse one cup of rice in cold water, drain and place in at least two quarts of boiling water in an uncovered pot, add two teaspoonfuls of salt and boil hard from fifteen to twenty minutes, adding water as it boils away until done. New rice boils more quickly than old, test by tasting. When done drain and set on the fire to dry. If convenient save the water for soup, stews, or griddle cakes.

Hasty Pudding.—Add one-half teaspoonful of salt to one quart of boiling water, and stir in slowly one cup of corn meal. Boil ten minutes or until done, stirring constantly to prevent scorching.

Fried Mush.—Prepare as for hasty pudding. Pour into shallow pans and allow to cool; cut into slices and fry in pork fat until brown. Oatmeal may be used in the same way.

Potatoes.—Take two cups of dried potatoes and put into three cups of boiling water (be exact), stir

while boiling three minutes, add two dessert spoonfuls of evaporated milk, butter, salt and pepper to taste, and you will have as delicious mashed potatoes as can be had from fresh and with much less trouble. Dried potatoes have great advantage over fresh; they are one-twelfth the weight, need no preparation, all waste is eliminated, they do not sprout or rot, and no amount of freezing will injure them.

Potato Cakes—Prepare the potatoes as above. Mix in one dessertspoonful of flour, moisten slightly, pat into cakes, sprinkle with flour and fry in pork fat.

Toasted Biscuit—Left over biscuit cut open and slightly moistened, placed in the broiler and toasted over hot coals, makes a very acceptable dish.

Roast Meat—Prepare a piece of meat, say six pounds, by removing bone and surplus fat and tissue. Place in pan of baker or oven and cover the bottom of pan with water. Place several strips of sliced pork over the meat, sprinkle well with flour, pepper and salt. If meat is a little strong or "gamey," a few slices of onion or a sprinkling of dried onions will enhance the flavor. Cook until brown upon one side, basting frequently with the gravy from the pan, then turn and brown on the other side, basting as before.

Soup—Take about four pounds of the lower leg bones of deer, moose, caribou, sheep, goat, elk, etc. Crack the bones thoroughly so that the marrow will run out. Place all in a large pot, add about two pounds of meat cut in small pieces, a large handful of Julienne, and one of rice, a teaspoonful of salt, some pepper and a few pieces of pork and four quarts of water. Boil slowly until meat is shredded, then add water to make desired quantity necessary.

Muskrat—Skin and clean thoroughly four muskrats, being particular not to rupture musk or gall sac. Take the hind legs and saddles, place in pot with a little water, a little Julienne, salt and pepper and a few slices of pork or bacon. Simmer slowly over fire until half done. Remove to baker, place water from pot in the baking pan and cook until done, basting frequently. This will be found to be a most toothsome dish.

Rabbits—Skin and clean two rabbits. Remove and throw away the head. Cut over the legs through body joint. Cut the back into three pieces. Place in a pot with a little Julienne some pepper and salt and parboil. To fry, remove from pot, sprinkle with flour and fry in either butter or lard. To roast, place in bake pan, spread a slice of pork on each piece and roast until done, basting frequently. To stew, leave in the pot, add a tablespoonful of rice, the same of beans and of Julienne, and a teaspoonful of dried onions. Boil until the meat separates from the bones, adding water so that the pieces of meat are always covered.

Turtles—The turtle family must be distinguished from the tortoise. We believe all of the turtle family are edible and some of the tortoise family, too.

Kill the turtle or turtles by placing in a pot of boiling water. Remove and cool until it can be handled. Lay on its back and with an axe crack the joint of the bottom shell where it joins the side of the top shell. Pull off bottom shell and remove the entrails and gall bladder. Cut off the head and skin the legs, removing toes and also the outer covering of shell.

Place in a pot of fresh hot water and boil until all meat has left the bones. Remove bones only, and add water for required quantity, a little Julienne, pepper and salt to suit and boil until vegetables are done. If at hand, add a tablespoonful of sherry and brandy to each quart.

Pork—Pork is mostly used for its fat and as a flavoring in soups, stews, etc. It should be washed in boiling water to remove salt and fried slowly in a pan.

Gravy—Melt a dessertspoonful of pork or bacon fat in the fry-pan, rub in a dessertspoonful of flour until smooth and browned. Then add two cups of boiling water and a dash of pepper.

Bean Soup—Soak two cups of beans over night. Boil in two quarts of water, add one-half teaspoonful of salt, a pinch of dried onion, several dashes of pepper, a little mustard, half a cup of salt pork diced. Boil three hours or until the beans are cooked to pieces. Add water as it boils away, to keep the required quantity. Cooking may be hastened by frequent stirring and mashing the beans against the pot. If the skin of the beans is objectionable, strain; but this sacrifices food value.

Dope—Place a pound of diced salt pork in the fry pan with water and boil one minute. Pour off the water and dry the pork until nearly brown. Remove the pieces and rub into the hot fat three dessertspoonfuls of flour, a little pepper, allowing the flour to cook in the fat without browning. When perfectly smooth, add one quart of water in which twelve dessertspoonfuls of evaporated milk have been dissolved. Slowly bring to a boil, stirring constantly; add the pork scrap and serve.

This sauce is a palatable way of serving pork, is a good substitute for butter, and is particularly good with griddle cakes.

Boiled Partridge—Prepare in convenient pieces four pounds of partridge. Boil slowly in two quarts of water and add a teaspoonful of salt, a little Julienne, a pinch of dried onion and two dashes of pepper, filling up with water as it boils away. In about an hour, when nearly done, which can be ascertained by sticking a fork into the meat, add eight pieces of biscuit dough, each about the size of an egg, and boil briskly for twenty minutes, or until done.

Scalloped Fish—Boil four pounds of fish until it will flake. Prepare a sauce as follows: Melt a piece of butter the size of an egg, add one heaping dessertspoonful of flour and stir until perfectly smooth, taking care not to let it brown. Add two cups of water in which have been dissolved six dessertspoonfuls of evaporated milk, one-half teaspoonful of salt and a little pepper, stirring constantly until it comes to a boil. Place the flaked fish in a serving-pan, cover with sauce and place in the reflecting baker before a hot fire, and brown.

Cooking in Clay—An excellent way to cook birds and fish, where clay can be had, is to cover the bird, unplucked and undrawn, with a coating of clay two inches or more thick. Place in a hot fire and cover with hot coals. In about an hour, when the clay is baked hard, crack it open lengthwise and take out the meat. The skin and feathers will remain, adhering to the clay; open the bird and drop out the entrails. Fish may be done in the same way. This method is equally good with birds and fish previously cleaned.

It must be remembered that boiling and stewing produce better and quicker results if done in a closely covered pot. Also boiling at a high altitude requires much more time than at sea level, and for convenience and saving of time those foods requiring boiling which cook at lower temperatures should be chosen for mountain trips. In making high ascents food previously boiled should be carried, for they can then be easily made warm and ready for use.

EVAPORATED FRUITS AND VEGETABLES

One of the most difficult problems the camper has to solve is that of providing fruits and vegetables which are necessary to his diet from a point of health. In the Dehydro process the water is extracted without impairing the flavor, color or food value of the product. They are easily prepared by adding water, allowing to stand for a short time and then cooking in the regular way. They have been thoroughly tried out and adopted for use in the United States Navy. Packed in two size tins as listed below.

The ratios given below mean that one pound of these Dehydro fruits or vegetables after water is added and they are cooked, represent as much food and nourishment as the fresh, in the ratio given—for instance, one pound of Dehydro Strawberries is equal to sixteen pounds of fresh strawberries.

Name	Ratio Dehydro to Fresh	Small Portions,	Cans Price	Gallon Tins, 5¼x5¼x9½ Portions	Net Wt. Lbs.	Price
Cranberries	1 to 10	5 sauce	10c	150 to 170	2	\$2.55
Strawberries	1 to 16	5 sauce	20c	120 to 135	5	5.80
Blueberries	1 to 7	5 sauce	15c	175 to 200	4	6.00
Raspberries	1 to 7	5 sauce	15c	150 to 160	3	5.85
Potatoes (sliced)	1 to 7	6	15c	30 to 35	2	.65
Potatoes (riced)	1 to 7	6 to 7	15c	60 to 75	4	1.20
Soup Vegetables	1 to 18	10 to 12	10c	275 to 300	2	2.10
Onions	1 to 13	5 stewed	10c	100 to 125	2	1.25
Sweet Corn	1 to 12	5	10c	80 to 90	4	1.70
Sliced Beans	1 to 14	6	15c	95 to 105	1½	2.20
Peas	1 to 7			95 to 110	5	1.65
Spinach	1 to 19	4 to 5	15c	35 to 40	¾	1.00
Cabbage	1 to 18	6	10c	70 to 90	1½	1.05
Carrots (cubed)	1 to 13	6	10c	120 to 135	3	1.50
Rhubarb (pie plant)	1 to 25	6	10c	115 to 125	1½	1.55

PEMMICAN

This pemmican is the result of long and careful effort on the part of Admiral Peary to devise a food which would contain the greatest possible nutritive and sustaining qualities for men under severe physical strain, in the smallest possible bulk. It is a compound of lean meat and beef suet with a small amount of sweetening added to make the food palatable, especial care being taken to avoid richness, or such a pronounced taste as to disagree with delicate digestion, or create monotony. Eaten as is or stewed in water.

3A1793	¼ lb. can	4¢	\$.40
3A1798	½ lb. can	4¢	.75
3A1799	1 lb. can	4¢	1.40

"STEERO" BEEF CUBES

Supplied in compressed cube form only, highly seasoned, of excellent flavor. Put up in 2½ oz. tin box of 12 cubes. One cube equals one cup of broth.

3A1827	Per box		\$.35
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ARMY BREAD

The standard "Hard Tack" of U. S. Army and Navy rations. Made from whole wheat and will keep indefinitely. In 5-lb. sealed tins only.

3A1830	Per tin		\$.75
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BORDEN'S "PEERLESS" EVAPORATED MILK

Borden's evaporated milk is perfection. It is prepared from pure, rich milk, condensed to the consistency of cream, put up without sugar and preserved by sterilization only.

3A1834	8 oz. tin		\$.05
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"DEHYDRO" CREAM SOUPS

These soups are perfection in purity and flavor and require only the addition of water and cooking for a few minutes. They come in powder form, packed in hermetically sealed tin cans, 2¾x3 inches and make 1 quart of delicious rich soup. Full directions on each label.

3A1825	Varieties: Spinach, Mixed Vegetables, Peas, Beans, Celery with Rice, Onions, Potatoes.	Per can	\$.15
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CONGOU COMPRESSED TEA TABLETS

Undoubtedly the best compressed tea on the market—guaranteed to be pure and uncolored and is recommended by the highest medical authorities.

3A1847 ¼ lb. package containing 16 Tablets (each tablet makes 6 cups of tea).. \$.25

TABLOID TEA

Two tablets equal one large cup of tea. Put up in close-fitting tin boxes, flat, for convenience in packing.

3A1849	English Breakfast Flavor, boxes of 100 tablets		\$.35
3A1850	Special Blend, finest selected teas, boxes of 100 tablets		.60

GEO. WASHINGTON COFFEE In Powder and Crystal Form

The very best form of concentrated coffee ever put on sale—there is absolutely no trouble in making up a most delicious cup of coffee. Does not contain chicory or any other adulterant—made only from pure coffee. Directions on each can.

3A1841	Powder, each can sufficient for 25 cups of coffee		\$.30
3A1899	Crystals, each can sufficient for 35 cups of coffee		\$.45

WHOLE MILK POWDER

Whole Milk Powder is milk free from preservatives or adulteration and reduced to powder, perfectly soluble in water. Full directions on can.

3A1836	1 lb. can		\$.45
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PEA SOUP

Almost identical with the famous Erbswurst, but this product is made in America. Comes in flour form and all that is necessary to prepare is to add water and stir, and when cooked for about 15 minutes makes the most perfect soup. Comes packed in round cardboard cartons—each carton is enough for 6 plates of soup.

	Price, per carton		\$.11
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DESICCATED EGG

This is the most compact form known for putting up eggs. The beauty of this form of egg is the simplicity of preparation—they make most excellent substitutes for the fresh article. Add a little water and mix for a couple of minutes, and you are all ready to make your omelette, scrambled eggs, etc.

3A1838	1-lb. can		\$1.30
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PACKING

It can hardly be said that packing is one of the joys of a camper's life, for the trials and tribulations of the portage are many and varied. Still, it must be classed among the "necessary evils," inasmuch as its burdensome travail goes a long way toward accentuating, by contrast, the quiet content of the peaceful camp or the fierce joy of conquering the wilderness and writing, perhaps, one's name upon a virgin page. The toil and terror of the portage and trail is, of course, greatest to him who is most poorly equipped. Packing under the conditions which we encounter in our native wilderness can be divided into two classes—the "carry" or portage pack which must be swung upon the camper's back for fairly short hauls, and the horse pack. The duffle bag, pack basket, and the specially made up or designed pack receptacle with harness, constitute the most practical forms of human carrying. These vary in style according to the conditions and the size of the outfit. It is well to have the advice of someone thoroughly versed in packing before the form of pack is selected for any trip that will necessitate a great deal of carrying. Much may be spared one of trouble and discomfort by the selection of a correctly designed and properly made equipment, and in the following pages we show a collection of such, designed by those who "know how" and made as well as it is possible to make them.

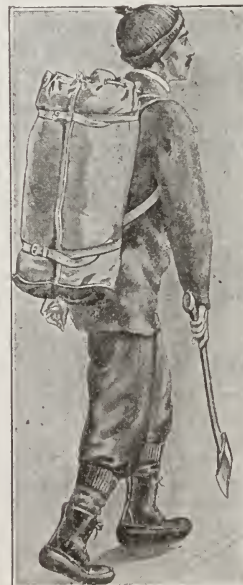
"GARDINER" PACK



A new pack, designed especially for medium weight packing. Made of heavy, water-proof duck, reinforced with leather at points of greatest strain. Carrying straps are wide and so arranged that pack holds close to the shoulders, and tight against the body. Brass D-rings are sewn along both sides and bottom of the pack, through which thongs may be laced to hold extra duffle, game, etc. Rings are provided for tump line, which may be used if desired. The pack is very strongly made and finished by hand. Length, 24 inches; width, 16 inches.

- 4A1872 Without tump line, 3¼ lbs.....\$8.50
- 4A1873 With tump line, 3¾ lbs..... 9.50

PACK HARNESS



Where the tump line is not preferred this is the best form of harness for general packing.

Readily adapted to all sizes and shapes of packs—bags, boxes, kegs, heads, carcasses, etc. All made with our special pattern shoulder yoke, which fits easily and distributes the load evenly. Shoulder and breast straps adjustable. Made from the very best heavy oak-tanned leather, hand-sewed and riveted, with solid brass buckles and strong canvas shoulder yoke. Weight, 1¾ lbs.

4A1866.....\$5.00

COMBINATION PACK HARNESS

Made same as Pack Harness, but has adjustable head-strap attached.

- Weight, 2 lbs., 6 oz.
- 4A1867..... \$6.00

"NESSMUK" PACK

This excellent pack has been made famous by "Nessmuk," the old-time woods traveler and writer. It is designed for carrying light or moderate loads in a compact form and is a very good model for "going light" tramping trips, mountain climbing, etc. The bag itself is a soft, flexible bag with tapering boxed sides, slightly indrawn at top. The opening is closed with an inner throat-piece, in the same manner as our duffle bags, and protected by large flap fastening with strap and buckle. The adjustable carrying straps are made of stitched cloth, light, cool and strong, fitted with metal eyelets. These straps are attached at and pull from the center of the pack, which carries easily and without interfering with the use of the arms. Made of brown



waterproof canvas. Size, 5x16x18 inches; weight, 13¼ lbs.

4A1876.....☛ \$2.75

TUMP LINES

This method of transportation, used almost exclusively by the Indians and Hudson Bay Company's packers of Northern Canada, consists of a broad band of leather, called the headstrap, to which are attached two long leather straps, or thongs. Once accustomed to the hang and balance of the tump line, one finds it to be the easiest and most comfortable method of packing. When used with the pack cloth the pack is made as follows: Spread pack cloth flat, lay head piece near one end and the two thongs straight across and about a foot from the sides. Fold the sides of cloth over the thongs and pack the duffle (keep hard



things inside) in a pile about two feet long, beginning about a foot from the head-strap. Fold the loose end of cloth and thongs over the pile, grasp thong near head-piece and haul on free end of thong until the sides of cloth pucker up in a close bunt, as if pulled by a draw-string. Knot the thong, bring together at middle of pack, twist once around each other and tie around middle of pack. Adjust the head-strap by means of the buckles and the pack is ready. Our tump lines are made with specially shaped head-straps of very best leather, fitted with solid brass buckles and soft, flexible and waterproof leather thongs. Weight, 14 oz.

4A1865.....☛ \$2.50

WANDERLUST RUCK SACK



Made of water-proofed olive drab khaki, designed to carry light clothing. Has one bellows pocket with flap and snap button on outside. Straps for carrying with snap and ring. Very serviceable and handy pack for tramping and in general use by Boy Scouts.

4A896 Size, 18x16½ in., weight 8¾ oz. ☛ \$1.25

RUCK SACK

The best pack ever devised for the carrying of light loads and the small personal belongings. Makes an excellent pack for women's use and is handy for carrying a few necessities when "going light." Also known as the Swiss mountain pack and was designed and first made by Alpine mountain climbers. It is an oblong bag open at top and closing with a draw-string, the opening being covered with a protecting flap to buckle.

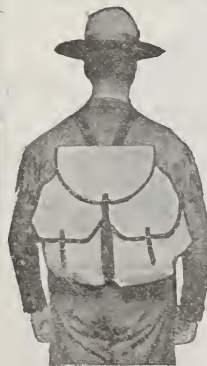


4A1874 Gabardine. Size, 16x20; wgt., 18 oz. ☛ \$5.00

4A1875 Canvas. Size, 22x22; wgt., 24 oz. ☛ \$4.00

ALPINE RUCK SACK

In his own words Lieutenant Whelen describes the sack as follows: "It will carry a couple of reindeer and in an ingenious way that takes all the strain off the cloth sack and puts it on the leather straps. It will hitch up so that there is nothing to it but a little ditty bag. It fits and carries finely, and there is a water-proof pocket in it for the camera. Briefly, the new ruck sack is a many-gored bag, about 18 inches wide by 22 inches long without the gores. When the gores are strapped up (one strap) it is a bag very



like our type of ruck sack, only a little narrower at the top than bottom. Made of 12 oz. waterproof Khaki duck; weight, complete, 2¾ lbs.

4A1877.....☛ \$10.50

VALISE PACK



This pack opens up like a valise and when opened stands up with square corners. It has a round, removable stick inserted along the top edge in a fold of the material forming the back, thus making a rigid valise-like rib just above the grommets, which are inserted in the back for hanging the pack against a wall, tree or other surface. Sewed in exactly like

a traveling bag, are three pockets in which small articles can be stored. The bottom of the pack is rounded to conform exactly with the shape of your duffle bags, and when the clothing and other things are placed in the bottom of this pack the upright ends fold in so that the front and back meet. The stick in the back top edge makes a rigid piece with which to roll down the remaining cloth of the pack and round it out for carrying. Has a handle on each end. In every respect this pack duplicates the convenience of your traveling bag. Made of brown waterproof duck.

4A1969 Diameter, 9 in.; length, 22 in.; weight, 2½ lbs.; with carrying straps complete\$3.50

PACK BASKETS

Our baskets are made especially for us of hand-riven oak splits, interwoven with rattan, making the strongest and best basket on the market. Made with large mouth, to permit of easy packing, and with flattened back to fit the form. We recommend for general use the covered baskets which are absolutely tight and waterproof, and are fastened by lock-buckle and strap. Shoulder straps adjustable, with sliding pad, fitted with snap-hooks. All straps best heavy leather and hand-sewed.



4A1868 Regular Basket, waterproof cover, size, 18 x 14½ x 18¾ inches high; weight, 7 lbs.\$9.50

4A1869 Plain Basket, carrying straps only, size, 17x13x18½ inches high; weight, 5 lbs. 5.00

CARRY STRAPS



Light in weight, these straps are put together to fit similarly to the pack-harness and will carry practically anything that can be put in a roll-pack. Shoulder straps are 1½ inches wide, of fine grade russet harness leather, and the binding straps to go around the pack are 1-in. wide and 60-in. long.

4A1970 Weight, 1 lb. \$2.00

IMPROVED CANVAS DUFFLE BAGS

For Clothing and Provisions



We are now making all our duffle bags in an entirely new manner, which is a vast improvement in the method of manufacture over all other bags. This consists of a new method of making the seams, which are all reinforced at sides and ends, making the bag much stronger and more durable. We have also discontinued the old style handle, which gave more or less trouble, and are now making a handle of most excellent design, which we guarantee will "stay put." This is attached by strong leather lugs, hand-sewed over metal D-rings to inside reinforcement,

and which cannot tear out. The bags are fitted with inside neck or throat-piece which is first drawn together and tightly tied before closing bag with outside cord, making the bag absolutely tight and waterproof. For small, heavy packs, such as food-stuffs, etc., we recommend the 10-inch size. For clothing the 12-inch is best, and for general packing such as tents, sleeping bags, blankets, etc., the 15 and 18-inch sizes.

They are light in weight, easy to pack, can be carried anywhere and in any way, and are accepted and checked as baggage by all railroad and steamship lines. They can be fitted with locks, of which we supply three designs (see page 47), rendering them safe from prying fingers.

BROWN WATERPROOF CANVAS

Handles, when supplied, placed on side and bottom of bags.

Inches Diameter	Inches Length	Ozs. Weight	Without Handles	With Handles
10	24	11	4A1384 ₤ \$.95	4A1388 ₤ \$1.25
12	36	23	4A1385 ₤ 1.35	4A1389 ₤ 1.60
15	36	29	4A1386 ₤ 1.70	4A1390 ₤ 1.95
18	36	38	4A1387 ₤ 2.30	4A1391 ₤ 2.55

EXTRA HEAVY DUCK

These bags are made of very heavy canvas, much stronger than the Brown Waterproof Canvas, and are intended for rough use. Made in same manner and handles, when ordered placed in the same way.

Inches Diameter	Inches Length	Ozs. Weight	Without Handles	With Handles
10	24	21	4A1392 \$1.50	4A1396 \$1.85
12	36	31	4A1393 2.15	4A1397 2.50
15	36	43	4A1394 2.80	4A1398 3.15
18	36	51	4A1395 3.60	4A1399 3.95

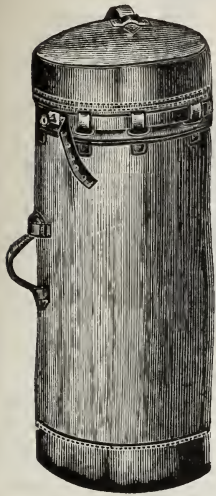
We make to order, promptly and at reasonable prices, special bags and carry-alls of every description and of any material.

KHAKI INTERIOR CLOTHES BAGS

Similar in shape to food bags, but made of Khaki. For packing in any pack or duffle bag such articles as one may desire to keep clean and free from contact with other goods. Handkerchiefs, socks, underwear, medicine, toilet articles and other "small truck" are thus easily kept together and conveniently stored in camp.

3A922	For 10-inch duffle bags.....	₤ \$.25
3A923	For 12-inch duffle bags.....	₤ .30
3A924	For 15-inch duffle bags.....	₤ .40
3A925	For 18-inch duffle bags.....	₤ .50

"SECURITY" DUFFLE BAGS



This is the "de luxe" edition of all duffle bags, which will commend itself to all sportsmen desiring a strong, handsome and durable bag for clothing and personal belongings that is safe from damage and safeguarded against intrusion while in camp or in transit. Made of extra heavy waterproof Pantasote "double duck" with heavy waterproof leather ends or bottoms, and strongly reinforced for four inches up the sides with waterproof leather. Has extra waterproof neck or throat-piece at top, and is closed and fastened by means of a strong strap passed through inter-locking loops and metal eyelets,

and secured by brass lock-buckles in such manner that it cannot be opened except the bag is destroyed. Strong hand-sewed leather handles on side and both ends. All leather used on this bag is our special waterproof "Indian tan," which will not dry out stiff and hard after wetting, and is the most durable of leathers. Special sizes made to order.

Order No.	Diameter	Length	Weight	Price
4A1859	15 in.	36 in.	8½ lbs.	\$20.00
4A1860	18 in.	36 in.	11 lbs.	24.00



SERVICE DUFFLE BAGS

The Most Durable Bags Made.

These bags, absolutely unequalled for durability and service, are recommended for use on long, hard trips by railroad, pack train, etc., and wherever subjected to unusual strain and excessive wear. Made from an extra fine grade of duck on duck, absolutely waterproof, snag-proof and practically indestructible. Manufactured by us exclusively and with our new reinforced seam and patent handle. Handles placed on side and bottom unless otherwise ordered.

Order No.	Diameter	Length	Weight	Price
3A1292	10-in.	24-in.	26 ozs.	☞ \$2.50
3A1293	12-in.	36-in.	43 ozs.	☞ 3.25
3A1294	15-in.	36-in.	52 ozs.	☞ 3.75
3A1295	18-in.	36-in.	61 ozs.	☞ 4.25

PACK CLOTHS



Made of light-weight brown waterproof material of most suitable size for packing with tump line. They are very useful in other ways for covering goods in transit, emergency shelters, ground cloths, etc.

- 3A926 Size, 5x6 ft.; weight, 2¼ lbs..... \$1.75
- 3A927 Size, 6x7 ft.; weight, 3½ lbs..... 2.50

FOOD BAGS



The camper who has never used these bags has little idea of their great convenience, utility and saving of time and goods. Not only are the foodstuffs transported safely against loss by water or breakage, but in camp they become a most handy form of container and may at once be distributed. No bursted bags or broken boxes, and safe from injury by moisture and vermin.

Made from a special fabric, light, clean and waterproof, and which does not in any way affect supplies packed therein. No. 4A4090 holds approximately 5 pounds of such foods as flour, meal, etc., and No. 4A4091 is twice the capacity. Both fit the 10-inch duffle bags, in which they are best carried.

The pork bags are excellent for carrying pork, bacon, etc., as the material is grease-proof and there is no danger of injury to other articles in the pack.

Order No.	Diameter	Depth	Weight	Price
4A4090	9 in.	9 in.	2½ oz. ☞ doz.	\$1.50
4A4091	9 in.	14½ in.	3¾ oz. ☞ doz.	2.00
3A4092	Pork Bag.	Diameter, 9-in.; depth, 12-in.;	weight, 6 oz.....	Each .50

CARRY-ALL

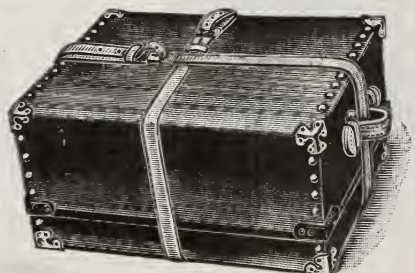


This receptacle will carry anything. Made of heavy brown duck with chrome leather top binding and fastens exactly like a government mail sack. It is 3 feet deep by 24 inches across the front and has bellows sides. A heavy, round leather handle is fitted at the bottom of the bag and two heavy, round handles are located in the center at the top. A one-inch russet leather strap runs through guides on both sides of the bag and

around the bottom with which to compress the bag.

4A1968 Complete with padlock; weight, 7 lbs. \$15.00

FIBRE PANNIERS

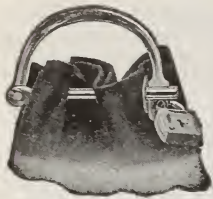


These cases are very light in weight, absolutely unbreakable, and their capacity is enormous.

We carry two sizes, suitable for packing on the back or by pack saddle, wagon, sled or canoe. Made with steel-bound edges and corners. Heavy hand-sewed leather handles at each end.

- 4A1861 Inside measure (closed) 18x24x12 in.; weight, 20 lbs..... \$12.50
- 4A1862 Inside measure (closed) 17x23x9 in.; weight, 15¼ lbs..... 12.00

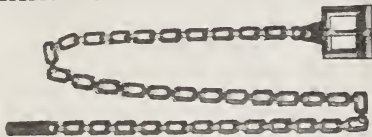
HANDLE LOCK



A most handy locking device in that it combines a secure lock with an excellent handle. Lock consists of handle and bar, hinged together. Bar is passed through grommets in top of bag and secured by padlock at eye in end of handle. Made of solid brass,

highly polished, with padlock; weight, complete, 7 oz.
3A1864.....\$1.50

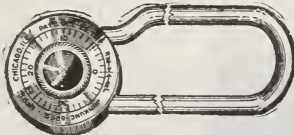
CHAIN LOCK FOR DUFFLE BAGS



A strong, 20-inch chain attached to a newly patented lock which is also very strong and cannot be picked. The chain is run through the grommets in the bag and tightened up until the mouth of the bag is closed, then fastened at the required link by the patent lock. Weight, 3 ozs.

4A1858 Complete with 2 keys.....\$1.50

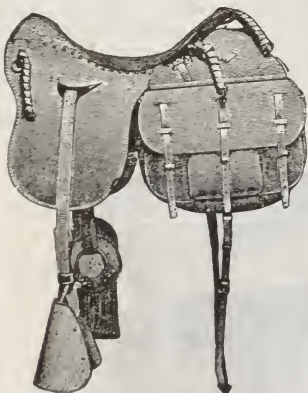
SAFE DUFFLE BAG LOCK



Over fifty thousand combinations can be made in this lock. Cannot be picked. Made of solid brass, strongest and most durable small lock made. No losing of keys, impossible to open unless you have the combination. Case 1 5/8-inch diameter. Brass hasp 3 1/2 inches long, weight, 9 oz.

3A1942 Price\$1.35

SADDLE BAGS



A most convenient and safe method of carrying a number of the smaller articles frequently needed when traveling on horseback. Hand made and finely finished throughout. Has cinch-strap to prevent "flopping." Made of waterproof Pantasote duck, weight, 4 lbs.

3A1887 \$10.75

LARIATS

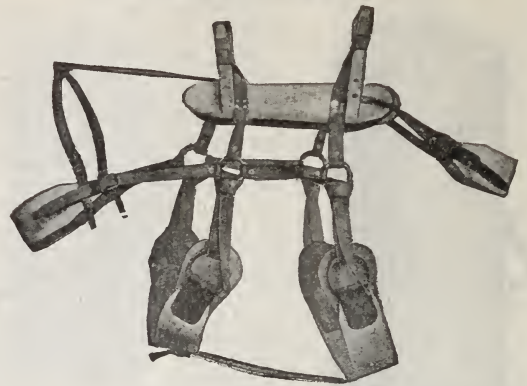
A special three-strand rope made for us exclusively, will not swell or stretch. Extra hard twist, best quality long-fibre Manila. Eye spliced over polished brass honda. End finished with knot and tassel. 7-16 in. diameter.

3A1888 Length, 40 ft.; weight, 2 1/2 lbs.....\$2.25

3A1889 Length, 50 ft.; weight, 3 lbs.....\$2.50



PACK SADDLE

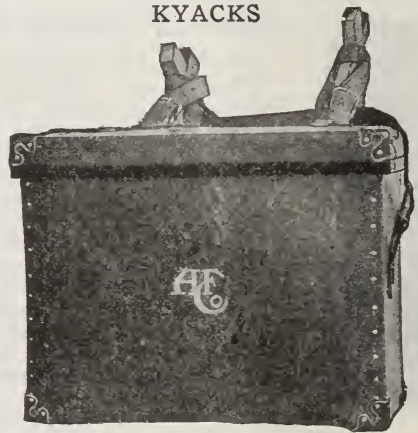


Our pack saddles are designed and approved by experienced Western and Government packers. Breast strap, breeching and cinches made from folded and machine stitched canvas which is superior in every way to webbing. Cinches have heavy chafe-leathers under rings and adjusting strap. Harness or rigging made throughout of very best oak-tan harness leather, sewed by hand. Latigoes are of chrome-tan leather, soft and pliable, and will never become hard or stiff from wetting. All rings and buckles solid brass. Made in the best possible manner throughout, and we guarantee them superior to any other make. Furnished regularly with double cinch which is much the best for all-around use. Single cinch saddles made to order only.

4A1879 Double cinch; weight, 12 lbs.....\$20.00

4A1880 Single cinch; weight, 10 lbs..... 15.50

KYACKS



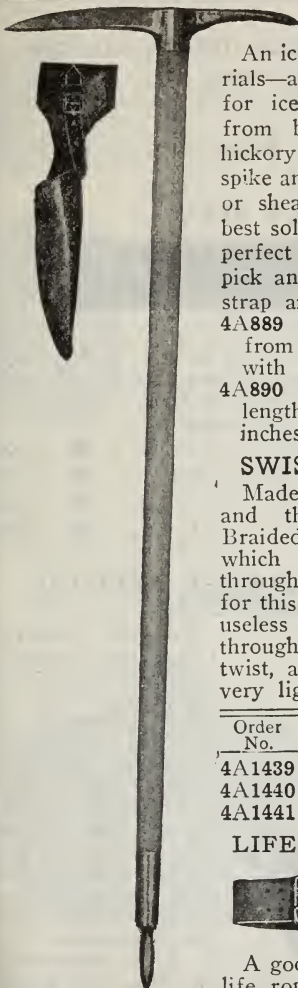
Used the same as Alforjas, but may be shipped without danger to contents. Made from a special grade of fibre which is unaffected by water and absolutely unbreakable. Reinforced by steel bands and corners. Fitted with heavy leather lugs for slinging on pack saddle. Has leather strap fastening with lock-buckle. Positively the strongest and best made. Size, 22x17x9. Weight, 12 1/2 lbs.

4A1885\$12.50

ALFORJAS

We have adopted the most generally approved design and of the proper size for carrying two fifty-pound sacks of flour. Made of a special grade of extra heavy duck, with heavy leather loops to fasten over horns of saddle. Latigo straps of heavy chrome-tan leather, sewed all around and riveted. Will stand all sorts of rough usage. Width, 22 inches; height, 17 inches; depth, 7 inches. Weight, 12 lbs.

4A1291 Price each\$7.



ALPINE ICE AXE

An ice axe of the finest materials—and of a perfect shape for ice work. Hand forged from best of steel, selected hickory handle, fitted with steel spike and ferrule. Head guards or sheath for same, made of best sole leather, hand sewed—perfect covering for blade and pick and securely fastens with strap and buckle.

- 4A889 Men's Axe, length, from 38 to 42 inches, with sheath \$8.50
- 4A890 Women's Axe length, from 38 to 42 inches, with sheath.... 7.75

SWISS LINEN ROPE

Made from the finest flax and the best rope made. Braided by a peculiar process which brings each strand through from side to side, and for this reason is not rendered useless if partly cut or chafed through. Will not kink or twist, always soft and pliable, very light.

Order No.	Diameter	Strength	Per Yard
4A1439	10 mm.	1700 lbs.	\$.30
4A1440	11 mm.	1800 lbs.	.35
4A1441	12 mm.	1900 lbs.	.40

LIFE OR ROPE BELT



A good belt for use with the life rope is indispensable for difficult mountain climbing. This belt answers every requisite and is indorsed by the English Alpine Club. Made of heavy sole leather, 2½ inches wide, fitted with heavy double-tongued steel buckle and steel guy-ring, both hand-sewed and riveted.

- 3A1447 Weight, 11 ozs..... \$4.50

AMMUNITION OR LUNCH BAGS

Handy in many ways for carrying small personal belongings, shells and the day's lunch. Made of waterproof canvas with belt loops and shoulder straps, with snap-hooks and two pockets.

- 4A928 Light canvas, size, 10x12-in.; weight, 12 oz. ⚡ \$1.25
- 4A929 Heavy canvas, size, 10x12-in.; weight, 16½ oz. ⚡ 2.00



CRAMPONS

Hand-forged soft Swiss iron, strong and durable. An absolute necessity for mountain climbing, either on rock or ice. Weight, packed in waterproof Swiss carrying case, 40 ozs. per pair.



- 3A1641 Price, with carrying case and binding, per pair..... \$4.25

"CANTEENS"

Made in two styles, with webbed carrying strap and snap hooks. Both of these canteens are guaranteed to be absolutely non-leakable, strong and durable. Made with one concave side to fit over the hip. Fitted with cork, metal top and chain.



- 4A1346 Aluminum. Diameter, 8 inches, 2½ inches thick. Capacity 1 quart. Weight, 13 ozs., covered with felt. Price..... \$2.75
- 3A1347 Heavily tinned steel. Diameter, 8½ inches, 1¾ inches thick. Capacity, one quart. Weight, 15 ozs. Khaki canvas cover and snap buttons. Price \$1.00

ALPINE STOCKS



- 3A5209 Made of hickory, heavy German silver ferrule. 1¾-inch pointed steel spike set well up into the ferrule, 36 inches long, 1 inch diameter, natural crook handle. Weight, 14 ozs. Price \$1.50
- 3A5211 55 inches long, ¾ inch diameter, crooked handle. Weight, 12¼ ozs. Price \$2.00

BERKEFELD FILTER PUMP



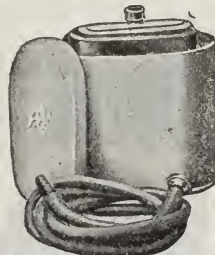
The filter consists of a brass case, nickel plated, containing and protecting the filtering cylinder, made of infusorial earth. This must be put in water and by a hand pump attached at the side water is forced through the filtering cylinder out through a gooseneck tube at the top, yielding a continuous flow of perfectly pure water in larger or smaller quantities according to the pressure.

The army filter shown in the cut is used the world over. It weighs 3 pounds, is 14 inches high, 3 inches wide and 2 inches thick. The capacity is 1 quart per minute.

- 3A1783 Complete \$10.00
- 4A1734 Extra cylinder 2.50

POCKET FILTER

We are now able to supply the demand for a really safe and efficient filter in compact form. This filter may be used to drink direct from the tube or used to siphon off water from one vessel to another. Thoroughly practical and perfectly reliable.



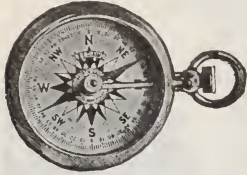
- 3A1785 Size, 3¾x2x3¾. Wgt., 11 ozs. \$2.50

LOCK STITCH AWL

This awl makes a lock stitch and is adapted for sewing leather, canvas or any heavy clothing. Handle contains straight and curved needles. A perfect tool to repair a rip or tear in an emergency. Reel of waxed linen thread and full instructions with each awl.

- 3A1368 ⚡ \$ 75

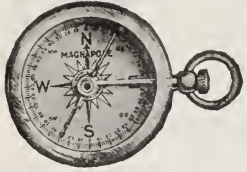
LEEDAWL COMPASS



3H473**⌘** \$1.00

Untarnishable solid white metal case, with untarnishable silvered metal dial, hardened and tempered steel point, and cupped jewel bearing, with stop snap in beveled crystal glass.

MAGNAPOLE COMPASS



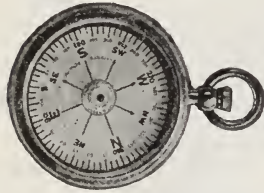
3H474**⌘** \$1.50

Untarnishable solid white metal case with white enameled metal dial, hardened and tempered bar type needle, with cupped jewel center, very sensitive, with stop and snap in beveled crystal glass.

FLODIAL COMPASS

Untarnishable solid white metal case, with floating aluminum dial, and cupped jewel bearing, with stop and snap in beveled crystal glass.

3H475.....**⌘** \$1.50



LITENITE COMPASS

dium N & S points, cupped jewel bearing, with stop and snap in beveled crystal glass.

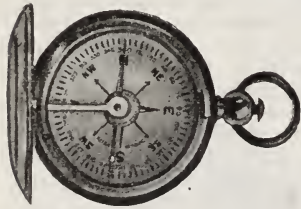
3H476**⌘** \$2.00

Untarnishable solid white metal case, aluminum dial but with permanent luminous radium N & S points, cupped jewel bearing, with stop and snap in beveled crystal glass.

GYDAWL COMPASS

Untarnishable solid white metal hunter case with spring lid, and untarnishable silvered metal dial, blued needle and cupped jewel bearing, self acting stop, and snap in beveled crystal glass.

3H477.....**⌘** \$2.00



AURAPOLE COMPASS

Untarnishable solid white metal hunter case with spring lid and aluminum dial, hardened and tempered bar type needle and cupped jewel bearing, self-acting stop and snap in beveled crystal glass.

3H478.....**⌘** \$2.50

MERADIAL COMPASS

Untarnishable solid white metal hunter case with spring lid and floating aluminum dial, cupped jewel bearing, self-acting stop and snap in beveled crystal glass.

3H479.....**⌘** \$2.50



CEEBYNITE COMPASS

Untarnishable solid white metal hunter case, with spring lid and aluminum dial but with permanent luminous radium N & S points, cupped jewel bearing, self-acting stop and snap in beveled crystal glass.

3H480.....**⌘** \$3.00

3H481 Same as above in gold-filled case. **⌘** 5.00



RUBBER DRINKING CUP

Made of white rubber and fold to carry flat in the pocket. Weight, 1½ oz.

3A1506 Either style.....**⌘** \$.25

MONEY BELTS



Safe and comfortable for carrying coin or bills. Made very strong and light in weight. Are secured by best linen strap and buckles. Have one large space for bills and four small pockets for coins. Fastened with best button fasteners.

4K5073 Grey buckskin**⌘** \$2.00

3K5074 Oilskin, extra light weight.....**⌘** .75

3K5075 Khaki**⌘** .75

4K5076 Pigskin**⌘** 2.00

WATCH AND POCKET ANEROID BAROMETERS



To the motorist, traveler, explorer, camper, prospector or tourist the Pocket Altitude Barometer is a most interesting companion from the valuable and instructive data it affords. As weather instruments, the Watch and Pocket Aneroids are quite as reliable as barometers of the largest diameter. But, it is in measuring altitudes—the height

of hills and mountains—wherein lies the chief source of pleasure and profit to the traveler. On foot or horseback, by motor or railway travel, the ascent or descent is indicated by the altitude scale as change in elevation takes place.

4H438 Watch form, 1¾-in. diameter; gilt case in Morocco outer case, silvered metal dial, revolving altitude, scale 8,000 ft.; weight, 3½ oz.....**⌘** \$21.25

4H439 Same as above except with hunter form case, keyless action, revolving altitude, scale, 10,000 ft.; weight, 4 oz.**⌘** 25.00

4H440 Pocket size, 2½-in. diameter, gilt, in Morocco case, silvered metal dial; revolving altitude, scale, 8,000 ft.; weight, 8½ oz.....**⌘** 20.50

Extras

10,000 ft. altitude, add.....**⌘** \$.85

12,000 ft. altitude, add.....**⌘** 1.70

16,000 ft. altitude, add.....**⌘** 3.30

WEATHER

A neat little booklet giving full and clear directions for the use of the barometer and the correct method for reading altitudes and computing climatic changes.

3H442 Paper Cover.....**⌘** \$.50

3H443 Cloth Cover.....**⌘** 1.00

ALL METAL POCKET FLASKS

Finest Britannia metal throughout, highly finished and very strong, in two styles as shown below. These are the best flasks made. Do not change the flavor or properties of liquid placed in them.

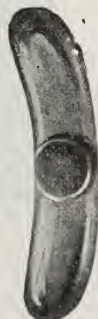
Traveller's Britannia has pull-off top which can be used as a cup and when on the flask protects cork from unscrewing.

These flasks are indispensable to all travelers whether in civilization or in the wilderness.

4K5886	1/8 pt. capacity	...	4K	\$2.00
4K5887	1/4 pt. capacity	...	4K	2.25
4K5888	1/2 pt. capacity	...	4K	2.50
4K5889	3/8 pt. capacity	...	4K	3.00
4K5890	1/2 pt. capacity	...	4K	4.00
4K5891	5/8 pt. capacity	...	4K	4.25
4K5892	7/8 pt. capacity	...	4K	4.50
4K5893	1 1/8 pt. capacity	...	4K	6.00
4K5894	1 3/8 pt. capacity	...	4K	7.00



VEST POCKET BRITANNIA FLASK



Vest pocket flask, curved to fit the pocket—very handy and compact. Finest Britannia metal throughout, highly finished and very strong.

4K5895	1/8 pt. capacity	...	4K	\$1.75
4K5896	1/8 pt. capacity	...	4K	2.50
4K5897	1/8 pt. capacity	...	4K	3.50
4K5898	1/4 pt. capacity	...	4K	4.50
4K5899	3/8 pt. capacity	...	4K	5.50



Glass Flask. Fine grade heavy glass. Has screw tops which are fastened by being "blown in" with the glass, and leakage, so common in ordinary flasks, is impossible. Covered with pigskin and fitted with removable metal bottom for drinking cup. A fine flask in every respect and very highly recommended.

4K5833	Capacity, 1/2 pint; weight, 12 oz.	...	\$1.75
4K5834	Capacity, 1 pint; weight, 18 oz.	...	2.25
4K5835	Capacity, 1 quart; weight, 29 oz.	...	4.00

Flask of flint glass, leather covered, nickel, gold lined cup on bottom, has screw top which fastens tightly, preventing leakage.

4K5694 Made of seal, 1/2 pt. \$6.50

GOGGLES

For shooting, fishing, automobiling and snow glare, the three styles listed below are new, thoroughly tested and the best practical goggles on the market.



Stone Goggle. Imitation tortoise shell, with imitation tortoise shell wind shields, 1 1/4 inch amber lenses, extremely light, non-breakable. Close up in very small space.

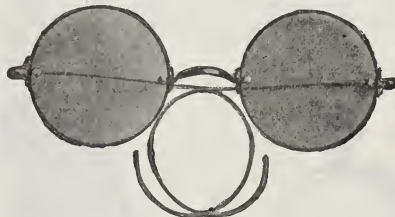
4H796 Price, including steel-covered case. 4K \$1.50



Day and Night Goggle. Zylonite frame, dark shading at top made in the glass, 2-inch amber lenses, frame folds flat. Can be used to look at the sun, or automobile searchlights at night, without straining the eyes. An excellent glass for snow work or automobile use.

3H797 Price, including steel-covered case. 4K \$2.25

WILBUR SHOOTING GOGGLE



Fine, light amber lenses 2 1/4-inch diameter, imitation shell frame with gold-filled bridge and gold-filled cable temples, folds flat.

4H798 Price, including steel-covered case. 4K \$1.25

FOOT AND HAND WARMERS



Size 4 1/4 x 2 1/2 x 2 1/2. Contains for fuel a charcoal substance burning from 2 to 3 hours without danger of fire or explosion. Can be lighted with match, cigar or cigarette and gives sufficient heat to keep hands comfortably warm on coldest day.

3A1369	Price	...	4K	\$.50
Bed Warmer —Same principle. Size 8 1/2 x 4 1/4 x 3.				
3A1370	Price	...	4K	\$1.50
Foot Warmer —Excellent for auto traveling, duck blinds, etc.				
3A1371	Price	...	4K	\$6.50
Fuel for Hand Warmer				4K .10
Fuel for Bed and Foot Warmer				4K .15



MILITARY WRIST WATCH

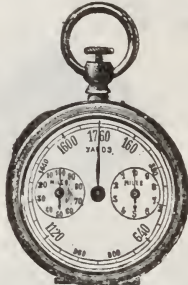
4K5634 Lever movement, seven jewels, stem winder and setter, nickel or gun-metal case, 1 1/8-inch dial with second hand. Guaranteed good timekeeper. Furnished with pigskin strap. We recommend this watch to all outdoor men and women—practical, serviceable and best value for money ever offered\$6.50

INGERSOLL WRIST WATCH

4A5339 Nickel or gun-metal finish.....\$3.00



3K5842 Ingersoll Yankee Watches. New model. Fitted with improved 16 size movement. Case is smaller and thinner than the old style. Has close fitting snap back and dust proof bezel. Full stem wind and stem set. Nickel or gun-metal finish. \$1.00



Pedometer. Accurate instrument which, in the hands of a careful observer, is very useful in determining distances traveled and for use in preliminary survey work.

3K5837 Grade A. Registers 100 miles by 1/4 miles. Weight, 1 1/2 oz.....\$1.00
4K5838 Grade B. Registers 100 miles by yards. Weight, 2 1/2 oz.....\$6.50



4K5841 Alarm Watch. Has first-class 16 size movement and guaranteed to give satisfaction. Perfectly reliable alarm mechanism. Hinged back cap and enamel face. Stem wind and set. 2 inches wide, 5/8 inches thick. A most handy and convenient time-piece for camping and traveling. Alarm is clear and strong. Fine gun-metal finish; weight 3 oz.....\$12.00

ALARM WATCH

Gun metal with patent lever movement, hands and figures on dial are covered with radium, which are illuminated at night, showing quite distinctly the time. This is entirely new and fine timekeeper.
4K5854\$19.50



3K5924 Looking Glass. The best little glass made for traveler's use. Fine beveled glass, bound in metal and with folding metal handle or stand. Makes an excellent shaving glass. Very strong and durable. Fitted with morocco slip-case. Size, 3 3/8x5 3/8 in.; weight 7 1/2 oz.\$1.25



The Little Wonder Lighter. The harder the wind is blowing the better the light. The best lighter made for lighting cigars, cigarettes, pipes, etc., in a strong wind. Can be carried in the vest pocket. Never fails to work. Weight 1 oz. Price with extra wick.....\$2.25

FITCH PRISM BINOCULARS

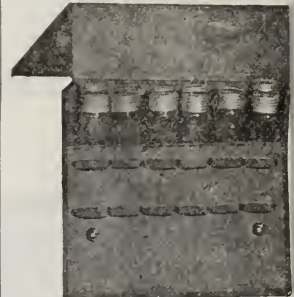


No binocular of similar weight and size affords so much light and so large a field of view as this Fitch Glass. Its unusual illumination makes it especially desirable as a night glass for nature study—for the hunter as a stalking glass and for all who must employ a binocular under unfavorable conditions of light and weather. It has the highest optical quality, showing the object clearly and sharply defined to the very edge of the field of view. Perfect mechanical construction, extra heavy bars of aluminum alloy cast in the same piece with the body. Stationary tubes ensuring the absolute rigidity of the glass. Case made of stout leather, hand sewed and velvet lined, provided with an improved spring catch, allowing it to be opened or closed with one hand; belt and shoulder straps. These Binoculars are moisture proof, as well as dust-proof. Mounted in aluminum with japanned finish. Adjustable for pupillary distance and furnished with turning eye-piece for unequalled strength of eyes and universal focusing attachments. Bodies covered with black morocco and in black case.

3K5189 Six power. Magnification, 6 diam.; object glass, 31 1/2 mm. Field of view at 1,000 yards is 150 yds. Height, 4 1/4 inches; weight, 22 oz..\$70.00



3K5541 Gents' Brush Case. A very handy, compact and useful case. Can easily be carried in the pocket. Made of fine quality of russet cowhide. Contains one flat ebony military hairbrush, the bristles are hand-drawn, dressing comb and bevelled edge mirror. The case is hand-stitched and fastened with snap buttons\$3.25



Special Medicine Cases. Fine quality sole leather, hand stitched. Contains 12 one-ounce bottles set six in a row. Has zinc lined compartments, 2x2x7 inches, to carry hypodermic syringe, instruments, bandages, etc.
4K5914 Size, 6x7x2 1/4 inches; weight, 21 oz.....\$5.50
4K5915 With bottles in wood safety blocks\$6.00



4K5747 Pocket Traveling Poker Set of English Morocco, black, containing 100 chips and one pack of cards. Size, 4 1/4x3x2 1/4.....\$1.75



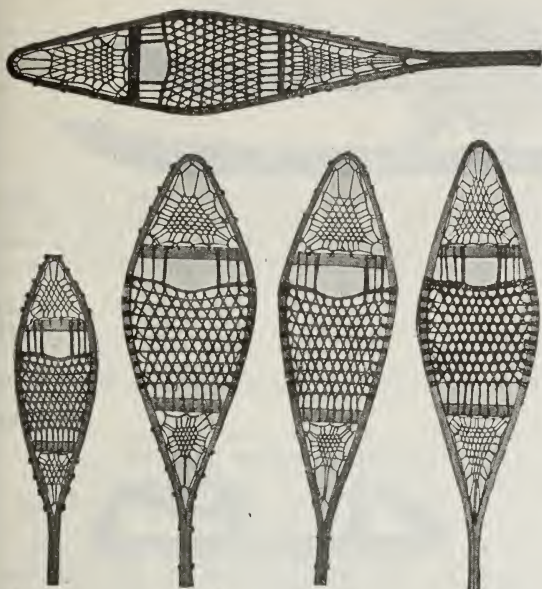
Medicine Cases. Made of fine sole leather. Bottles do not touch each other. Fitted with corked and screw-top glass medicine vials.
4K5912 Holds 6 vials; size 6 1/2x4x1 1/2 in.; weight, 7 oz.\$2.00
4K5913 Holds 12 vials; size, 13x4x1 1/2 in.; weight, 14 oz.\$4.00



Flint and Steel Lighter. The little machine is a perfect combination of flint, steel and tinder, and will strike fire and ignite fuse which can be used to light tobacco, fires, etc., a most excellent article for those living out of doors, for it is a great match saver.

3K5815 Lighter, weight, 2 1/4 oz.....\$.50
3K5816 Fuses, weight, 1 1/4 oz.; per doz.25

SNOW SHOES



Our snow shoes are of the best workmanship and material, and guaranteed not to sag in wet snow. Frames of selected white ash, filling of neat's hide.

4L6698 Children's, size 9x36 in. \$5.50
 4L6699 Women's, size 11x42 in. 6.50
 4L6701 Men's, size 13x48 in. 6.75
 4L6702 Heavy men's, size 14x48 in. 7.00
 4L6703 Women's Racer, size 10x50 in. 7.00
 4L6704 Men's Racer, size 12x60 in. 7.50
 3L6705 Harness of oil tanned leather. Pair .75
 3L6721 Russet Leather Harness. Per pair.. 1.25

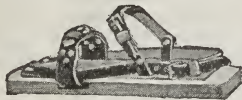
Genuine Norwegian ski pole, made by the famous ski builder, J. P. Hansen, Christiania, Norway. Made of selected bamboo, very light and strong, steel ferrule on end with hand-forged spike. Rattan ring lashed to pole with rawhide. 4 and 4½ feet long. Pair \$3.00

DOMESTIC SKI POLES

Best natural wood, very light and strong. Fitted with rattan brake-ring, lashed with rawhide, and leather wrist thong. Has hardened steel spike and ferrule.

4L6697 Length, 4½ to 5 feet. Pair \$2.50

"ENGADINE" BINDING



Furnished with "Engadine" Skis. Made of best grade, strong harness leather, durable and serviceable. Made in two sizes. Prices for separate bindings.

3L6690 Small. Per pair \$1.25
 3L6691 Large. Per pair 1.75

NORTHLAND SKI WAX

Applied to running surface of skis to prevent the sticking of snow and make sliding easy at all times. A tube of this should always be carried.

3L6699 Per tube \$.25

SPECIAL SKI MOCCASIN

Made of chrome-tanned bottom and upper, with heavy sole and special ski heel.

4D10972 All sizes \$7.00

IMPORTED J. P. HANSEN NORWEGIAN SKIS

J. P. Hansen, of Christiania, Norway, is acknowledged to be the best ski builder in the world. We carry a full line of his make in the following sizes. All prices are quoted with the imported Huitfeldt bindings attached.

Youth's, 6½ ft. \$12.50
 Women's, 7 ft. 13.00
 Men's, 7¼ ft. 13.50
 7½ ft. 14.00
 7¾ ft. 14.50

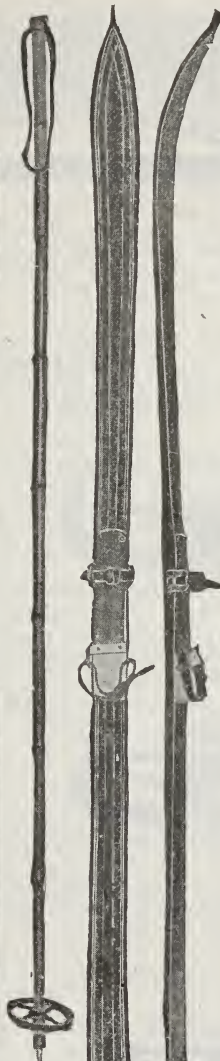
"ENGADINE" MAPLE SKIS

Prices quoted are complete with Engadine Binding. Natural finish, decorated with dark grooved stripes. Top and sides coated with best grade spar varnish.

3L6693 5 feet long, Children's, complete with Engadine Binding \$4.00
 3L6694 6 ft. long, Youths' and Misses', complete with Engadine Binding.... 4.50
 3L6695 6½ feet long, Women's, complete with Engadine Binding 4.75
 3L6696 7 ft. long, Men's, complete with Engadine Binding 5.50

"ST. MORITZ" WHITE ASH SKIS

St. Moritz Skis are equipped with Huitfeldt Binding. Wood is best, extra selected white ash, edge grain, decorated on top with dark grooved stripes. Natural finish.



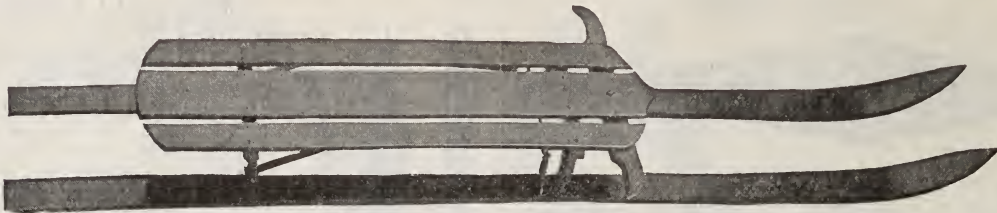
3L6686 6 ft. long, Misses', complete with Huitfeldt Binding \$7.25
 3L6687 6½ ft. long, Youths', complete with Huitfeldt Binding 7.75
 3L6688 7 ft. long, Women's, complete with Huitfeldt Binding 8.50
 3L6689 7½ ft. long, Men's, complete with Huitfeldt Binding 9.00

ADJUSTABLE "HUITFELDT" BINDING



This is the most popular binding in Europe. Furnished with lever buckle, which makes it possible to adjust binding with no effort, and enables one to take off skis instantly. The toe irons are arranged so as to be made adjustable as to width and at the same time hold firmly in place. Price for separate binding—
 3L6692 Per pair \$2.50

SKI BOB



The latest of all winter sports is ski-bobbing. This bob is the only successful model ever built. The runners are 7½ ft. long and are made of selected white ash. The seat is 45 inches long and 12 inches wide. Beautifully finished in red with green trimmings. Steering device is operated from a cross bar at the end of the seat. When steering the runners tilt upon the sides and give the same effect as you would get when turning on skis.

Price \$12.50
 Same as above for boys, smaller runners and smaller seat..... \$12.50

JUMPING SKI BOB

Built on the same principle as the ski-bob listed above but has 9-ft. runners, seat 52 inches long, 14 inches wide. Beautifully finished in oak.

Price \$25.00

AYENFCO CONTINENTAL MODEL



Only the very best grade of steel and workmanship enter into the make of this skate. Have hollow ground splayed blades. This type of skate is used by a majority of the best-known figure skaters throughout the world. Sizes 9½ to 11½.

Price, pair \$15.00

AYENFCO INTERNATIONAL MODEL



Made of selected chrome nickel highly tempered steel, full polished.

The blades are ground the same radius as the famous Salchow skate and we recommend these as the most practical figure skate ever designed for the average skater. Sizes 9 to 11½.

Price, complete with leather scabbards for blades. Pair \$7.50

CANADIAN HOCKEY



Used extensively by the crack hockey players in both the States and Canada. Material and workmanship is the finest and the blades are tempered so they will stay sharp unusually long. Nickel plated and highly polished. Sizes 9 to 11½.

Price, pair \$6.00

INTERSTATE AND PREMIER HOCKEY SKATES



Built on lines that have been approved by the best hockey players, special care being given to heights. The blades are highly tempered and will stay sharp unusually long without grinding. These models can also be used for figure skating.

Interstate grade, full nickel plated, men's sizes. Pair \$3.50
 Ladies' sizes (narrow). Pair..... 3.50
 Premier grade nickeled and high polish.
 Men's sizes. Pair..... 6.00
 Ladies' size (narrow). Pair..... 6.00

LADIES' RINK MODEL



Since the hockey model skate has practically replaced the old club or rocker blade type this model has been brought out specially for women's use—makes a good model for either rink or outdoor use. Tops are of best cold-rolled steel. Blades of best quality hardened steel, specially tempered, full nickel plated. Sizes 8½ to 10½.

Pair \$3.00

PUCK STOP HOCKEY SKATE



The design of this model is strictly up-to-date and is one of the best selling models of the day. The tops are of best cold rolled steel and the blades are genuine welded tool steel, ribbed pattern, best workmanship and well finished, full nickel plated.

Sizes 9 to 11½.
 Per pair \$3.00

HALF HOCKEY WITH RIBBED BLADE



This model has been a great favorite among the pleasure skaters for a number of years. It is a very attractive looking model. Can be used for figure skating. Very light foot and heel plates. Blades are highly tempered, fully nickel plated.

Sizes 9 to 11½.
 Men's, pair \$5.00
 Women's (narrow), pair..... 5.00

ALL CLAMP WITH RIBBED BLADE



For pleasure and fancy skating this is one of the most popular models on the market. Much time has been spent in perfecting the design of the skate—special shaped foot plates, strong improved steel toe clamps, the same key fastening at toe and heel, welded steel blades, highly tempered and nickel plated.

Sizes 9 to 12.
 Men's, pair \$5.50
 Women's (narrow), pair..... 5.50



MASTIGOUCHE

The Mastigouche Canoe is designed for explorers and use in rough countries where frequent portages over bad trails have to be made. The strongest and most durable light canoe made. Furnished with two cane seats, one thwart, bottom grating and wide outwales. Two lengths, 13 and 15 feet.

Order No.	Length Feet	Width Inches	Depth Inches	Height at Ends	Weight Lbs.	Price
3A1902	13	35½	12	24	50	\$43.00
3A1903	15	35½	13	26	60	45.00

Colors, Dark Green or Auto Grey.

MORRIS CANOES—Regular Model A

Order No.	Extreme Length Feet	Width Inches	Depth Inches	Weight About Lbs.	Price
3A1906	15	33	12	60	\$40.00
3A1907	16	33½	12	65	40.00
3A1908	17	34	12	70	40.00
3A1909	18	34½	12	75	42.00
3A1918	20	36½	12	85	47.00

Spruce gunwales—mahogany paddling seat frames—braces and decks dark green.

BORDEN CANOES

To meet the demand for a strong, serviceable, reliable canoe at a moderate price, we are offering our BORDEN CANOES. Note the width and depth. The planking is made of selected Maine cedar, long lengths, fastened to the ribs securely with copper tacks, which are clinched. The ribs are of best quality cedar moulded over a solid form. The gunwales and finish rails are selected straight grain Canadian spruce. Both seats of cane, detachable—bow seat being dropped on 4-inch bolts. Brass bang plates. Best quality of seamless canvas—best quality of paint is used filling up the canvas entirely, paint being covered with two coats of best spar varnish.

	Length	Width	Depth		Approx. Wt.	Price
3A940 HUNTER'S MODEL	13 ft.	35½-in.	12 -in.	Wide outwales—no keel.	48 lbs.	\$31.50
3A941 PORTAGE MODEL	15 ft.	34 -in.	11¾-in.	Wide outwales—no keel.	57 lbs.	31.50
3A942 FISHING MODEL	16 ft.	34 -in.	12 -in.	Wide outwales—no keel.	65 lbs.	31.50
3A943 RIVER MODEL	16 ft.	34 -in.	12 -in.	With keel—no outwales.	64 lbs.	32.50
3A944 EXPLORER'S MODEL	17 ft.	37 -in.	13 -in.	Wide outwales—no keel.	70 lbs.	33.50
3A945 LAKE MODEL	17 ft.	34½-in.	12 -in.	With keel—no outwales.	68 lbs.	33.50
4A946 PLEASURE MODEL	18 ft.	35 -in.	12½-in.	With keel—no outwales.	76 lbs.	35.50

All of the above canoes are carried in stock in dark green. The working models, which are the HUNTER'S, PORTAGE, FISHING and EXPLORER'S, are also carried in Battleship Grey, which color we particularly recommend.

Prices include burlaping—F. O. B. New York or Bangor, Maine. Where crating is required same must be done at the factory in Maine, at an extra cost of \$2.00 each.

PADDLES



We call particular attention to our paddles, which are made especially for us, of the very finest white spruce and hard maple. These paddles are finished with the best quality of spar varnish. Carried regularly in 5, 5¼, 5½, 5¾ and 6-foot lengths in both patterns.

3A1910	"Algonquin" style, narrow blade, spruce or maple, any length.....	\$1.50
3A1911	"Passamaquoddy" style, broad blade, spruce or maple, any length.....	1.50

DOUBLE PADDLES

3A1912	Fine white spruce, copper-tipped, with nickel-plated ferrules.....	3.50
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CANOE YOKE



For the portage this yoke affords a most handy and convenient means of carrying the canoe. The crossbar is made of selected hard maple and is clamped to gunwale by brass wing-nuts. Shoulder pads are adjustable, leather covered and padded with curled hair.

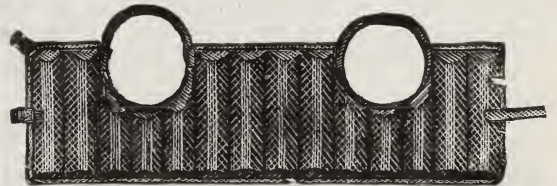
3A1932	\$2.25
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CANOE ENAMELS

The finest and most durable finishes are obtained with canoe enamels. One pint can is sufficient for two coats on an 18-foot canoe. No varnish is required, as the enamel dries with a bright finish equal to the best varnish. Carried in pints only, in the following colors: Vermilion, Holly Red, Indian Red, Velvet Brown, Moss Green, Dark Green, Light Green, Azure Blue.

4A1194	Azure blue, white, grey, moss green, dark green, brilliant green. Per can	\$.75
	Holly red, Indian red. Per can.....	1.00
	Vermilion. Per can.....	1.25

RUBBER LIFE PRESERVER



This is the best and most practical form on the market for the canoe and small boats, as they may be rolled up snugly and stowed away in small space. Made of best quality rubber, to be inflated.

4A1183	Length, 29 inches.....	\$3.00
4A1184	Length, 33 inches.....	3.50
4A1185	Length, 37 inches.....	4.00
4A1186	Length, 41 inches.....	4.50

FIREARMS

We carry a large stock of sporting rifles, shotguns and revolvers. The fire arms listed here we carry regularly in stock and can ship immediately on receipt of order. Orders for special attachments can usually be executed promptly in our own shop. We give special attention to orders for made-to-order guns, and will gladly give information as to any make or style of gun, whether regularly carried by us or not.

We repair any make of fire arm.

Rifles—We carry the best American and European rifles. We recommend bolt action rifles as the best for sporting purposes, on account of the safety of their mechanism. The Jeffery's are the best bolt action rifles made.

Revolvers—The Colt and Smith & Wesson stand without a peer for reliability and service.

Shotguns—We carry a full assortment of the best American makes.

JEFFERY'S RIFLES

We have selected and catalogued the six models of Jeffery's Rifles which we consider the best suited to general sporting purposes, viz.: the new flat trajectory (.280, .280/333 and .333), the all-round .333, the heavy striking .404, the light-weight .256 and the .400 single-shot Cordite.

This selection gives the sportsman a choice of rifles adapted not only to big game hunting in America, but also Africa, India, or any of the fields invaded by the big game hunters, Arctic or tropical.

The Jeffery's Rifles are manufactured by W. J. Jeffery & Co., Ltd., of London, England. We have the exclusive agency of this line of high-grade arms for the U. S. and Mexico.

Every gun is sighted, shot and carefully tested and submitted to the severe English proof tests.

These rifles are manufactured on scientific principles and no detail is left to chance. The tests are conducted under various conditions—of barometer, altitude and thermometer—thus insuring uniform results in wet or dry weather, on the mountain top or at the sea level, in the Arctic or under Equatorial suns.

The striking force, penetration and trajectory are carefully computed. Each rifle has its particular purpose and place and can be absolutely depended upon to make good when called upon.

The material and workmanship of these arms are unqualifiedly the best that human skill can devise for the purpose imposed. Each gun is made in two grades, and although the quality of steel is slightly different, the main variations are in quality of wood used in stock, ornamentation and general finish.

If these guns had no other features of merit, the excellence of the sights used and the adjustment of the sights before the gun leaves the proving ground would command for them first place among the sporting rifles of the world.

THE NEW .280/333 and .333 JEFFERY MAGAZINE RIFLES



With this new .333 Mauser Action rifle, a velocity of 2600 feet is obtainable. The .333 soft, sharp-pointed bullet weighs 250 grains and the striking force of this bullet is well over 4,000 lbs. Owing to the great length of the bullet and the sharp point, the velocity is well maintained at long ranges and the .333 rifle is thus superior to anything yet made for shooting in open country or on the plains. The magazine is flush with frame and holds 3 cartridges, with one in barrel.

In addition to the 250 grain, soft, sharp-pointed bullet, this rifle also handles a 300 grain bullet, either soft nose or soft nose with split casing, or full metal jacketed, giving the sportsman a choice of cartridges adapted to all kinds of game.

The weight of this rifle is about 8¾ lbs., with standard length of barrel of 26 inches.

No. 1 Model \$130.00
 No. 2 Model 155.00

THE NEW .333/.280 JEFFERY'S MAUSER

Same models and prices as .333 calibre. Magazine holds 5 cartridges with one in the barrel, making 6 at the command of the shooter. This rifle has the velocity of 2,965 feet, and shoots a 140 grain solder pointed expanding bullet, the point of which cannot be damaged. This bullet also sets up perfect expansion and we consider it superior to any form of copper pointed or capped bullet.

.280 ROSS-ELEY MODEL

Weights about one pound less than the .333, but is otherwise identical. Price, the same as that of the .333.

No. 1 Model, sighted to 1,000 yards. Standard and leaves or standard and two-leaf and tangent back-sight, pistol grip stock, and short forearm with horn cap. Checkered iron heel plate, with trap for rod in butt. Eyes for sling.....\$130.00

No. 2 Model, best finish. Q. S. Nickel Steel barrels, best quality back-sight, with standard and four-spring leaves, or standard four-spring leaves and tangent, metal bead fore-sight, selected walnut stock, checkered pistol grip, iron heel plate with trap for rod in butt, eyes for sling. Action engraved, and finished in best style.....\$155.00

- | | | |
|-------|---|--------|
| 4F812 | .333/.280 Rimless Cartridges, solder pointed, 140 gr. Per box of 10.... | \$1.10 |
| 4F500 | .333 Rimless Cartridges, solid nickel, sharp pointed, 250 gr. Per box of 10 | 1.10 |
| 4F501 | .333 Rimless Cartridges, blunt point, soft nose, 300 gr. Per box of 10.... | 1.10 |
| 4F502 | .333 Rimless Cartridges, blunt point, split bullets, 300 gr. Per box of 10 | 1.10 |
| 4F503 | .333 Rimless Cartridges, soft, sharp point, 250 gr. Per box of 10..... | 1.10 |

THE NEW .404 JEFFERY RIFLE

1905 Model Rimless Cartridge

This model is a most reliable large bore magazine rifle.

The trajectory, as figured by Jeffery's, is taken by shooting from the shoulder, using one sight only, from 100 to 300 yards. The drop of bullet under these conditions is: 100 yards, none; 200 yards, 7 inches; 300 yards, 20 inches.

- No. 1 Model, .404 Jeffery Rifle Mauser Action, plain finish, Pistol Grip stock..... **\$130.00**
- No. 2 Model, .404 Jeffery Mauser Best Quality Rifle **\$155.00**

.404 RIMLESS CARTRIDGES

- 4F504 Solid Military Bullets, box of 10..... **\$1.10**
- 4F505 Soft Nosed Bullets, box of 10..... **1.10**
- 4F506 Jeffery Split Bullets, box of 10..... **1.10**

All models made in Take Down at **\$20.00** additional.
Ribbed Barrels, made in Take Down, additional, **\$20.00**.

JEFFERY'S .256 NEW MODEL RIFLE

We unhesitatingly recommend this rifle for those who wish a high-powered, light-weight rifle, with heavy smashing power, combined with flat trajectory.

The rifles are fitted with folding leaf flat top sights sighted from 1 to 500 yards in Models 8 and 9; and 1 to 300 yards in Model 10.

These rifles fitted with Lyman Peep Sight if desired **\$5.50**

No. 8 Model, checkered stock and forearm, pistol grip, best platina lined sights for 500 yards (or for 1,000 yards, as may be ordered,) metal bead foresight, trap in heel-plate, eyes for sling. This is a thoroughly reliable weapon in every respect. **\$110.00**

No. 9. A plainer rifle than the No. 8, pistol grip, checkered **\$95.00**

4F507 Cartridges, full metal patched, soft nosed or S. N. split. Box of 15, with clips.... **\$1.35**

TRAJECTORIES OF JEFFERY'S CARTRIDGES

Jeffery .333 cartridge loaded with Axite and 300 grain blunt nose bullet.

Distance	Height above sight line at half distance
100 yards	0 ft. 0.84 inches
200 yards	0 ft. 3.88 inches
300 yards	0 ft. 9.9 inches
400 yards	1 ft. 6.9 inches
500 yards	2 ft. 10.6 inches
600 yards	4 ft. 6.9 inches
700 yards	6 ft. 10.2 inches
800 yards	9 ft. 11.8 inches
900 yards	13 ft. 7.2 inches
1000 yards	18 ft. 4.2 inches

Jeffery .333 cartridge loaded with Axite and 250 grain pointed bullet.

Distance	Height above sight line at half distance
100 yards	0 ft. 0.68 inches
200 yards	0 ft. 3.04 inches
300 yards	0 ft. 7.4 inches
400 yards	1 ft. 2.0 inches
500 yards	1 ft. 11.3 inches

Distance	Height above sight line at half distance
600 yards	3 ft. 0.1 inches
700 yards	4 ft. 4.8 inches
800 yards	6 ft. 2.2 inches
900 yards	8 ft. 5.4 inches
1000 yards	11 ft. 3.7 inches

Jeffery Mannlicher .256

Distance	Height above sight line at half distance
100 yards	.2 inches
200 yards	3.5 inches
300 yards	10.125 inches
400 yards	20.75 inches
500 yards	36.75 inches
600 yards	61.0 inches
700 yards	95.0 inches
800 yards	136.0 inches
900 yards	352.0 inches
1000 yards	486.0 inches

.404 or .400 bore Jeffery cartridge loaded with 60 grains of Cordite and 400 grain solid bullet.

Distance	Height above sight line at half distance
100 yards	1.20 inches
200 yards	4.98 inches
300 yards	12.8 inches
400 yards	24.4 inches
500 yards	39.8 inches

.400 exactly the same as the .404.

Ross .280 cartridge loaded with 150 grain bullet.

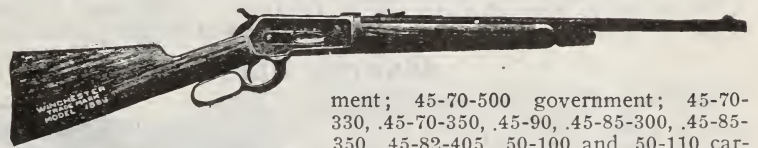
Distance	Height above sight line at half distance
100 yards	0.622 inches
200 yards	2.70 inches
300 yards	6.55 inches
400 yards	12.4 inches
500 yards	21.4 inches
600 yards	32.1 inches
700 yards	47.6 inches
800 yards	66.6 inches
900 yards	92.8 inches
1000 yards	122.0 inches

WINCHESTER RIFLE 1886 MODEL

This action has given complete satisfaction among big game hunters everywhere.

The breech mechanism is without question safe and strong and we recommend this rifle without reserve for its weight, accuracy, simplicity of action and tremendous killing power.

For .33, .45-70, high velocity; .45-70-405 govern-



ment; 45-70-500 government; 45-70-330, 45-70-350, 45-90, 45-85-300, 45-85-350, 45-82-405, .50-100 and .50-110 cartridges. Made with full or half magazine in "Take Down" and in extra light weight styles.

PRICE LIST—Full or Half Magazine

- 4F522 Carbine, 22 ins., round barrel; weight, about 8 lbs..... **\$17.10**
- 4F523 Round barrel, 26 ins. long or under; weight, about 8 1/4 lbs..... **17.55**
- 4F524 Octagon barrel, 26 ins. long or under; weight, about 8 3/4 lbs..... **18.90**
- 4F525 Half octagon barrel..... **19.35**
- 4F526 "Take Down," 26 ins., round barrel; weight, about 9 lbs..... **22.50**
- 4F527 "Take Down," octagon barrel..... **23.85**
- 4F528 "Take Down," half octagon..... **24.30**
- 4F529 Extra light-weight rifle, 22 ins., round nickel steel barrel; weight, about 6 1/4 lbs., 45-70 calibre only..... **22.50**

- 4F530 Extra light-weight "Take Down" 22 ins., round, nickel steel barrel; weight, about 7 1/4 lbs.; 45-70 calibre only **\$27.00**
- 4F531 High power .33 "Take Down," 24 ins., round, nickel steel barrel, shotgun butt stock, weight, 7 3/4 lbs..... **27.00**
- 4F532 Same as 4F531 but solid frame..... **27.00**

When ordering .45-70, .45-90, and .50-110 rifles, state if desired sighted for High Velocity Cartridges.

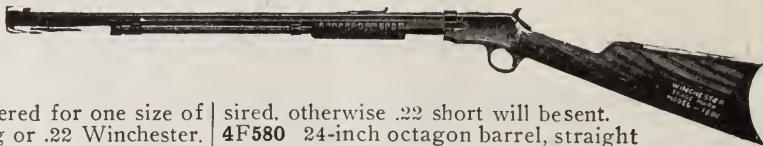
INTERCHANGEABLE BARRELS

Can be furnished for all calibres except .33. It will be necessary to send guns to have extra barrels fitted.

- 4F533 Complete, with magazine, etc..... **\$12.00**

WINCHESTER REPEATING RIFLE—MODEL 1890. .22 CAL.

“TAKE DOWN”

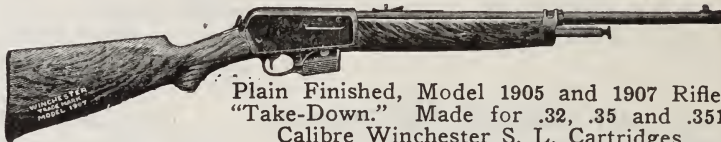


Rifles of this model are chambered for one size of cartridge only—.22 short, .22 long or .22 Winchester. When ordering please specify size of cartridge de-

sired, otherwise .22 short will besent. 4F580 24-inch octagon barrel, straight grip stock; weight, 5¾ lbs.....\$13.60

WINCHESTER SELF-LOADING RIFLE, MODELS 1905, 1907 AND 1910

4F576 401 calibre 20-inch round Nickel Steel barrel, plain trigger, pistol grip stock of plain walnut, not checked; number of shots, 5; weight, 8¼ lbs..\$29.25

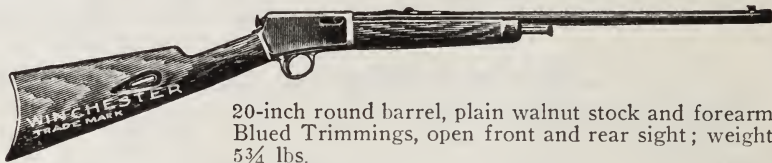


Plain Finished, Model 1905 and 1907 Rifle. “Take-Down.” Made for .32, .35 and .351 Calibre Winchester S. L. Cartridges

4F578 Extra magazine for each calibre. Each \$1.50 4F577\$25.20

WINCHESTER 1903 MODEL .22 AUTOMATIC

The Winchester Model 1903 is a ten-shot AUTOMATIC, hammerless, “Take Down” rifle, using a new, inexpensive rim-fire cartridge, known as the .22 Calibre Winchester Automatic, loaded with Smokeless Powder and Winchester Greaseless Bullet.

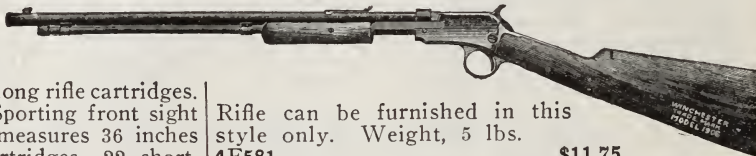


20-inch round barrel, plain walnut stock and forearm. Blued Trimmings, open front and rear sight; weight, 5¾ lbs.

4F579\$21.25

WINCHESTER MODEL 1906 .22 CALIBRE REPEATING RIFLE

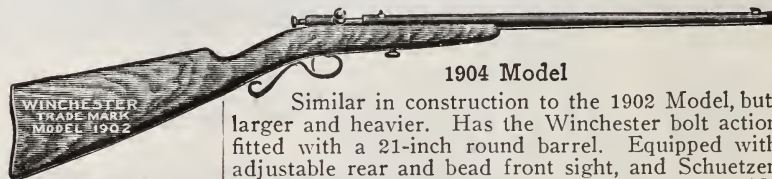
A lightweight, take-down repeating rifle, similar in appearance to the Winchester Model 1890, handling .22 short, long and long rifle cartridges. 20-inch round barrel fitted with Sporting front sight and adjustable open rear sight; measures 36 inches over all. Magazine holds 15 cartridges, .22 short.



Rifle can be furnished in this style only. Weight, 5 lbs. 4F581\$11.75

WINCHESTER MODEL 1902 SINGLE SHOT TAKE-DOWN

Chambered for .22 Short, .22 Long and .22 Long Rifle Rim Fire. Action used is the bolt type. 18-inch, round barrel, plain trigger, combination trigger guard and pistol grip, highly polished stock, steel butt plate; weight, 3 lbs.



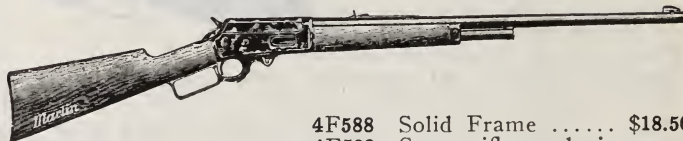
1904 Model

Similar in construction to the 1902 Model, but larger and heavier. Has the Winchester bolt action fitted with a 21-inch round barrel. Equipped with adjustable rear and bead front sight, and Schuetzen shaped stock 13¼ inches long with blued steel rifle butt plate. Length over all, 37½ in. Weight, 4 lbs.

No variations from standard will be furnished. 4F582\$4.40 4F583\$5.75

MARLIN REPEATER—Model 1895

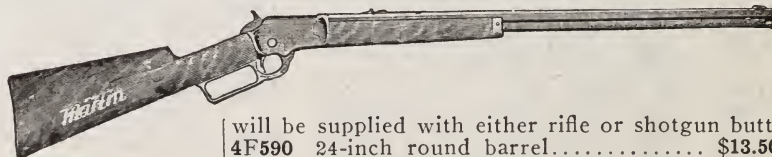
New .33 calibre High Power Rifle. Special Light Weight, 24-inch round. Special Smokeless Steel barrel, half magazine; 5 shots; weight about 7¾ lbs. Uses any make of .33 calibre high power cartridges, and is the only rifle of this calibre with the modern solid-top, side ejecting construction.



4F588 Solid Frame \$18.50
4F589 Same rifle made in take-down style 22.00

MARLIN REPEATER, SOLID FRAME—Model 1892

Made in .22 or .32 cal. and will shoot either short, long or long rifle rim-fire cartridges. The .32 cal. can be adapted to center-fire cartridges by substituting center firing pin, which is furnished free. The .22 cal. magazine, 24 inches long, will hold 25 short, 20 long or 18 long rifle cartridges. The .32 cal. magazine, 24 inches long, will hold 17 short or 14 long cartridges. These rifles are fitted with Rocky Mountain rear and front sights, and



will be supplied with either rifle or shotgun butt. 4F590 24-inch round barrel..... \$13.50
4F591 26-inch round barrel..... 15.00
4F592 28-inch round barrel..... 16.50
4F593 24-in. octagon or half octagon barrel 14.60
4F594 26-in. octagon or half octagon barrel 16.10
4F595 28-in. octagon or half octagon barrel 17.60

WINCHESTER 1892 MODEL

An improvement of the original famous 1873 model, which is too well known to require description. Made for .25-20, .32, .38 and .44 calibres.

PRICE LIST

Full or Half Magazine

- 4F534 Octagon barrel, 24 ins. long; wgt., about 7 lbs.; number of shots, 14....\$16.58
- 4F535 Half octagon barrel..... 17.00

- 4F536 Round barrel, wgt., about 6¾ lbs....\$15.30
- 4F537 Carbine, wgt., about 5¾ lbs.; number shots, 12 14.88
- 4F538 "Take Down" style, 24-inch round barrel, weight, about 7¼ lbs..... 21.25
- 4F540 Same as 4F538 but has octagon barrel 22.53
- 4F540 Same as 4F538 but has half octagon barrel 22.95

WINCHESTER 1894 MODEL

A light, strong-shooting rifle, with a very popular action and probably the best-known rifle made—the rifle that made the 30-30 famous.



For .25-35, .30 W. C. F., .32-40, 32 Win. Special and .38-55.

PRICE LIST—Full or Half Magazine
.32-40 and .38-55 Calibres

- 4F541 Carbines, 20-inch barrel, 7 shots; weight, about 6 lbs..... \$14.88
 - 4F542 Octagon, 26-inch barrel, 9 shots; weight, about 7¾ lbs..... 16.58
 - 4F543 Half Octagon 17.00
 - 4F544 Round barrel, wgt., about 7½ lbs.... 15.30
 - 4F545 "Take Down" Style, 26-inch round barrel, 9 shots, wgt., about 7¾ lbs.. 21.25
 - 4F546 "Take Down" style, octagon..... 22.53
 - 4F547 "Take Down" style, half octagon.... 22.95
 - 4F548 Extra light weight, 26-inch round barrel, weight, 7 lbs..... 19.55
 - 4F549 Extra light weight, octagon..... 20.83
 - 4F550 Extra light weight, half octagon.... 21.25
 - 4F551 Extra light weight, "Take Down" 26-inch round barrel, weight, about 7¼ lbs. 25.50
 - 4F552 Extra light weight "Take Down" octagon 26.78
 - 4F553 Extra light weight "Take Down," half octagon 27.20
- .25-35, .30 and .32 Special Winchester Calibres
- 4F554 Carbines, 20-inch barrel, 7 shots; weight, about 6¼ lbs..... 17.85

- 4F555 Round, 26-inch nickel steel barrel, 9 shots; weight, about 7¾ lbs..... \$19.55
- 4F556 Octagon 20.83
- 4F557 Half Octagon 21.25
- 4F558 "Take Down," 26-inch round nickel steel barrel, 9 shots; weight, about 7¾ lbs. 23.80
- 4F559 "Take Down," half octagon..... 25.08
- 4F560 "Take Down," half octagon..... 25.50
- 4F561 Extra light weight, .25-35 and .30 calibre only, 26-inch round nickel steel barrel; weight, about 7 lbs.... 23.80
- 4F562 Extra light weight octagon..... 25.08
- 4F563 Extra light weight half octagon.... 25.50
- 4F564 Extra light weight, "Take Down," .25-35 and .30 calibre only, 26-inch round nickel steel barrel; weight, about 7¼ lbs..... 28.05
- 4F565 Extra light weight "Take Down," octagon 29.33
- 4F566 Extra light weight "Take Down" half octagon 29.75

WINCHESTER 1895 MODEL

BOX MAGAZINE LEVER REPEATING

For .30 U. S. Army, .30 U. S. G. 1903, and 1906, .303 British, .35 and .405 calibres.

All the cartridges adapted to this model are extremely powerful, and their shocking and killing effect is terrific. Are especially desirable for big game shooting.



PRICE LIST

- 4F568 .30 Army, 1903 and 1906, U. S. G., of .303 British, 24-inch round barrel; weight, about 8¼ lbs..... \$27.00
- 4F569 Carbine, .30 Army, .30 for 1903, and 1906 or .303 British, 22-inch round barrel; weight, about 8 lbs..... 27.00
- 4F570 .35 Winchester, 24-inch round barrel; weight, about 8½ lbs..... 27.00

- 4F574 .405 calibre, 24-inch round barrel; weight, 8¼ lbs..... \$27.00
- The barrels of the .30 Army, 1903 and 1906 U. S. G., .303 British, .35 and .405 are made of nickel steel—the .30 Army and .303 British being 28, and the .35, 24 inches long.
- Fancy stocks and shotgun butt stocks can be furnished for this model. Pistol grip stocks cannot be furnished. Set triggers cannot be furnished.

WINCHESTER MODEL 1895 "TAKE DOWN"

This popular model now made with safe and simple take down.

- 4F575 Specifications same as regular Model 1895—but made only in .30 U. S., .30 Gov't. (1903-1906), .303 British, .35, .405 calibres..... \$29.25

.22 MARLIN REPEATER TAKE-DOWN—Model 1897

This rifle is similar to Model 1892, but is take-down in style. Made in .22 cal. only. Will shoot .22 short, .22 long and .22 long rifle without adjustment. Ivory bead front sight.

4F597	26-inch round barrel.....	\$16.75
4F598	28-inch round barrel.....	18.25
4F599	24-in. octagon or half octagon barrel	16.75
4F600	26-in. octagon or half octagon barrel	18.25
4F601	28-in. octagon or half octagon barrel	19.75

MARLIN REPEATER—Model 20

Half Magazine. .22 Calibre. Tapered barrel, 24 inches long. Gun handles at one loading; 15 short cartridges; 12 long cartridges or 11 long rifle cartridges. A very accurate, reliable, well balanced gun, weight, about 4 lbs. 2 oz.—especially desirable for gallery shooting.



NOTE:—On all orders for "Model 20" rifles, the regular style will be sent unless "Full Magazine" is specified.

4F584 24-in. octagon barrel Take-down... \$12.50

MODEL 29—.22 CALIBRE TAKE-DOWN

It is a take-down like Model 20, but does not have ivory bead front sight and special adjustable rear sight. Rifle has blued frame; blued rifle butt plate;

black walnut butt stock and fore-end; holds 15 short, 12 long or 11 long-rifle cartridges at one loading.

4F586 23-inch round barrel..... \$10.50

MARLIN NEW MODEL, .27, .25 STEVENS, .25-20 AND .32-20 CALIBRES

The only "Pump" action repeater made in .25 Stevens, .25-20 and .32-20 calibres. Equipped with 24-inch special smokeless steel barrel and handles the new high velocity smokeless cartridge as well as black and low pressure smokeless loads. A "Take-down" model weighing 5¾ pounds. Magazine capacity, 6 shots, with one in barrel making total of 7. Fitted with Rocky Mountain adjustable rear and Ivory bead front sights.



4F587 25 cal. rim fire only..... \$14.60
.25-20, .32-20 16.50

REMINGTON RIFLE—Auto Loading

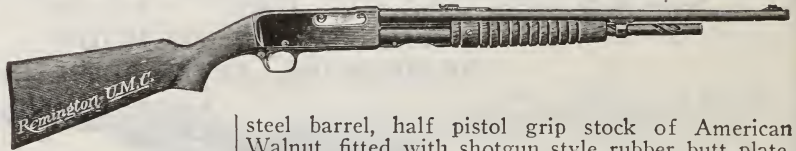
Loaded with clip system, such as used in military rifles. Recoil ejects, reloads and cocks ready for the next shot. A large flat safety on the side indicates by sight or feeling when it is "safe" and fires five shots as fast as desired. Smokeless steel barrel, straight grip (or pistol grip stock made to order, no additional charge), rubber butt plate, special open sights.



4F602 Made in .25-35 Remington, .30-30 Remington, .32 Remington and .35 Remington Take-down, all calibres...\$33.30
4F603 Same rifle as described above with selected English walnut stock and forearm checkered, any calibre..... 39.35

REMINGTON HIGH POWER RIFLE—Pump Action, 6 Shot

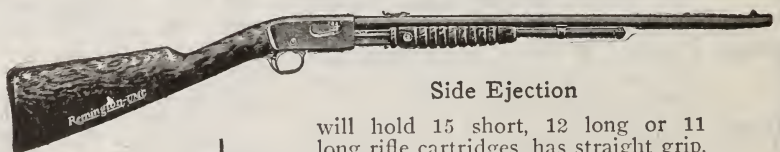
This is the only high power rifle made with slide action, which permits a rapidity of accurate fire. This solid breech prevents dirt, snow and other substances from entering the magazine. The absence of protruding parts, such as hammer, finger lever, etc., makes this a very handsome rifle with symmetry of outline and perfection of balance. Made in .25, .30 and .32 cal. To handle Remington Rimless Cartridges in 22-inch. Special Ordnance



steel barrel, half pistol grip stock of American Walnut, fitted with shotgun style rubber butt plate. Rifle comes regularly fitted with No. 1 Buckhorn Rear Sight and new design copper bead front sight. Weight, about 6¾ lbs.
4F2279 Any calibre\$23.00
No. 147A 38-40 and 44-40 calibre..... 20.85

REMINGTON .22 CAL. REPEATER—Model 12

4F605 Sportsman's Rifle chambered for .22 short, long and long rifle cartridges. Magazine holds 14 short, 11 long or 10 long rifle cartridges. 22-inch round barrel, straight grip, walnut stock with rubber butt plate; weight, 4½ lbs.\$12.70
4F606 Similar to the sportsman, except it has a 24-inch octagon barrel, magazine

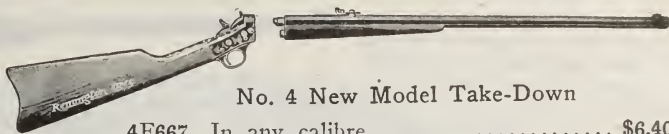


Side Ejection

will hold 15 short, 12 long or 11 long rifle cartridges, has straight grip, walnut stock fitted with steel rifle butt plate; weight, 5½ lbs. \$15.75
4F607 Gallery rifle chambered for .22 short only, magazine holds 15 cartridges, 24-inch octagon with steel rifle butt plate: weight, 5½ lbs. 15.75

REMINGTON—U. M. C. SINGLE SHOT RIFLES

This model has an automatic shell ejector. Chambered for .22 long or short, .25-10 or .32 cal. rim-fire cartridges. Barrel is full octagon, 22½ inches long, black walnut stock and forearm. Open sights.



No. 4 New Model Take-Down
4F667 In any calibre..... \$6.40

This model is designed to meet the big demand for a light-weight take-down. Made in either .22 or .32 cal. and chambered in either size to take short or long rim-fire cartridges. In the .22 cal. C.B. or B.B. caps may be used. Has open rear and tang peep sights. Barrel 20 inches long; weight, 3½ lbs.



No. 6 New Model Take-Down
4F669 Either calibre \$3.95

NEW .22 REMINGTON AUTO RIFLE

A solid breech-hammerless shooting 16 .22-rimfire cartridges without reloading, 22-in. Remington steel barrel, straight grip, American walnut stock, steel

rifle butt plate, adjustable straight bar rear and white metal bead front sight. No. 2724. Weight, 5¾ lbs. Price.....\$29.60

SAVAGE HIGH POWER SPORTING RIFLE—Model 1899

Made in both solid frame and "take-down" hammerless, .25-35, .30-30, .303, .32-40, and .38-55 calibres. Shotgun or rifle butt plate. Pistol grip \$2.50 extra. Rocky Mountain front and sporting rear sight. Six shot.



- 4F608 Any of the above calibres—Regular style, 26-in. round barrel, weight, 7½ lbs. \$18.00
- 4F609 Any of the above calibres—Regular style, 26-in., octagon or ½ octagon barrel, weight, 7¾ lbs..... 19.50
- 4F610 Any of the above calibres—Carbine, 20-in., round barrel only, carbine butt

- plate only, micrometer rear sight, weight, 7¼ lbs..... \$18 00
- 4F611 Any of the above calibres—Saddle gun, 22-in., round barrel only, shotgun butt, weight, 7¼ lbs..... 18.00
- 4F612 Any of the above calibres—Take-Down, 26-in., round barrel..... 21.50
- 4F613 Any of the above calibres—Take-Down, 22-in., round barrel..... 21.50

MODEL 1899 SAVAGE FEATHER-WEIGHT

- Solid frame. Calibres, .25-35, .30-30 and .303 with round barrel only.
- 4F614 Any of the above calibres—With metal bead front and micrometer rear sight..... \$22.50
 - 4F615 Any of the above calibres—With checked stock and fore-end..... 24.50
 - 4F616 Any of the above calibres—Extra for swivel and sling strap attached to any Savage Model 1899..... 2.75

22 CALIBRE "FEATHER-WEIGHT" TAKE-DOWN

- A new model 6¼-pound high-power rifle. Has a 20-inch round barrel and is chambered for a special .22 High Power cartridge large enough for deer or bear.
- 4F619 .22 calibre Feather-Weight "Take-Down" \$25.00

MODEL 1899 "FEATHER-WEIGHT" TAKE-DOWN

- Furnished in the same calibres (.25-35, .30-30 and .303) as the solid frame Feather-weight with the advantages of easy carrying and cleaning.
- 4F617 Feather-weight "Take-Down," wgt., 6¼ lbs..... \$25.00
 - 4F618 Interchangeable barrels for same.. 10.00

SAVAGE REPEATING RIFLE, .22 CAL. MODEL 1914

- Solid breech hammerless, oct. 24-in. barrel, American Walnut shotgun, full pistol grip, stock with steel butt plate, bead front and adjustable wind gauge rear sight, positive action, Tubular Magazine holds 20-22 short, 17-22 long or 15-22 long rifle cartridges; length, taken down, 27½ inches; weight, 5¾ lbs. Model 1914. No. 2725..... \$13.00

.250—.300 SAVAGE RIFLE—Model 1899

Take-down only, extra full pistol grip stock, forearm checkered, wind gauge rear sight, checkered trigger, corrugated steel butt plate, 22-inch round barrel; weight, 7 lbs.; velocity 3,000 ft. per second; bullet, 87 grains.
Velocity at 100 yards, 2,698 ft. per second.
Energy—Muzzle, 1,739 foot-pounds. 100 yards, 1,405 foot-pounds.
Trajectory—100 yds., measured at 50 yds. .503 in.
200 yds., measured at 100 yds. 2.314 in.
300 yds., measured at 150 yds. 5.780 in.
500 yds., measured at 250 yds. 20.196 in.
Penetration at 15 feet, 11¾ in. ¾-in. pine boards.



Cartridges, \$0.90 per box of twenty.
4F2754 \$30.00

MODEL 1911 SAVAGE REPEATER—For .22 Short Cartridges Only

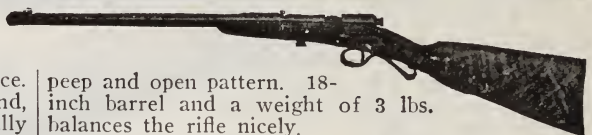
This model .22 calibre repeater has a magazine holding 20 short cartridges, is typically a target rifle, and combines the Bolt Action with the take-down feature. Has round barrel 20 inches long, walnut stock, shotgun butt. Weight, 4 lbs.



4F2682\$7.00

.22 SAVAGE, Jr. TAKE-DOWN—Model 1904

Chambered for .22 short, long or long rifle cartridges. The action of this rifle is very simple. When the bolt is thrown back the cartridge is passed into the receiver and bolt thrown in place. Closing the bolt automatically cocks the rifle and, after firing, the opening of the bolt automatically ejects. Sights consist of an open front, combination

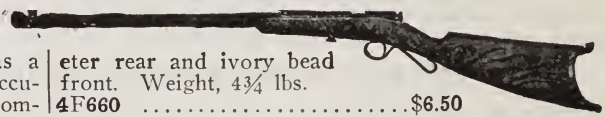


peep and open pattern. 18-inch barrel and a weight of 3 lbs. balances the rifle nicely.

4F658\$4.50

SAVAGE TARGET RIFLE TAKE-DOWN—Model 1905

This is a very fine target rifle with all the qualities of the Savage Junior .22. Chambered for short, long and long rifle cartridges. Has a heavier barrel than the other models for more accurate shooting. Swiss butt plate. Sights are microm-



eter rear and ivory bead front. Weight, 4¾ lbs.

4F660\$6.50

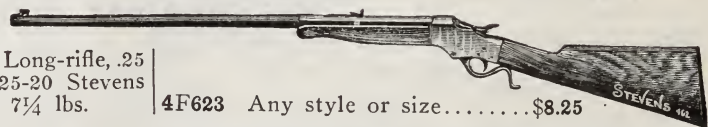
THE NEW SAVAGE .22 AUTOMATIC RIFLE

This new automatic will handle the .22 long rifle "Lesmok" and black powder cartridge only. The model will be similar to Savage Model 1903 Repeater, shown on page 212, having clip magazine.

4F813.....\$12.00

STEVENS' "IDEAL"

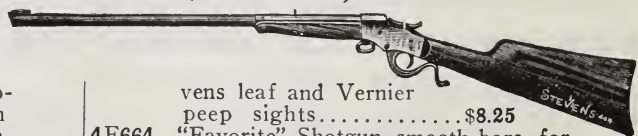
Length of barrel for rim-fire cartridges, 24 inches, for center-fire cartridges, 26 inches. Chambered for .22 Long-rifle, .25 Stevens and .32 Long Rim-fire and .25-20 Stevens and .32-20 Center-Fire. Weight, 7 to 7¼ lbs.



4F623 Any style or size.....\$8.25

STEVENS' "FAVORITE" (Take-Down)

Length of barrel, 22 inches. Chambered for the following rim-fire cartridges only: .22 Long-rifle, .25 Stevens, .32 Long.



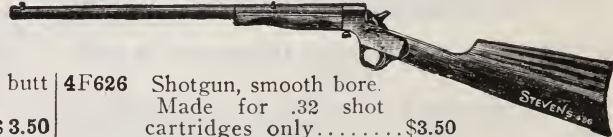
4F665 "Favorite" Take-down with automatic ejector ½ (Octagon) barrel in any of the above calibres and with Rocky Mountain front and Sporting Rear Sights.....\$5.50

4F664 Stevens leaf and Vernier peep sights.....\$8.25 "Favorite" Shotgun, smooth bore, for shot cartridges. Made for .22 and .32 rim-fire shot cartridges only. Weight, 4¼ pounds.....\$5.50

4F662 With Beach combination front sight, Ste-

STEVENS' "CRACK SHOT"

Chambered for .22 Long-rifle R. F. and .32 short R. F. cartridges. Plain open front and rear sights. 20-inch barrel; case-hardened frame; oiled walnut stock and forearm; rubber butt plate. Weight, 3¾ pounds.



4F625 Rifle\$3.50

4F626 Shotgun, smooth bore. Made for .32 shot cartridges only.....\$3.50

MARBLE'S "GAME GETTER" GUN

Double Barrel, Single Trigger

Shoots .22 short, long and long rifle rim-fire cartridges in one barrel and .44 shot or round ball cartridges in the other. Stock adjustable for any drop desired. Barrels—Round, Blued, 12, 15 and 18 inches long. Frame—Dropforged, Blued. Grips—Rubber. Stock—Steel tubing, Nicked. Weight, about 35 oz.



4F2112 12-inch barrels, lock leaf sight, "Gold" bead sight and holster.....\$13 50
4F2113 15-inch barrels, otherwise same as 4F2112 14.50
4F2114 18-inch barrels, otherwise same as 4F2112 15.50

4F2115 12-inch barrels, Flexible Rear Sight, Lock Leaf Sight, "Gold" Bead Sight and Holster.....\$16.50
4F2116 15-inch barrels, otherwise same as 4F2115 17.50
4F2117 18-inch barrels, otherwise same as 4F2116 18.50

Gate Getter now supplied chambered for 410 cartridges if desired.

THE PARKER GUN

“The Old Reliable”



For nearly fifty years it has been the aim of Parker Bros. to manufacture the best possible product of the gun-maker's art; upward of 170,000 guns in the hands of sportsmen in every known country of the globe makes the accomplishment of this effort a matter of record.

Particular attention has always been paid to the proper distribution of materials and the greatest strength of the Parker gun will always be found where the strain is most severe. Beauty of outline, perfection of balance in all the large varieties of weights and sizes will be found. Every essential feature for the safety of the user and the ease of operation has been most skilfully attained.

The coil spring used is a feature of merit, guaranteed against breakage.

Experience has taught users of the Parker gun that for steadiness and regularity of shooting, for accuracy and uniformity of the delivery of every load, the Parker gun stands second to none, while its perfect balance and intrinsic worth have placed it where it belongs in the foremost ranks of American-made shotguns to-day.

Net price list of the Parker hammerless gun:

Quality A1. Special with automatic ejector, barrels of Whitworth fluid steel, net \$450.

Quality A. A. H. Pigeon gun with automatic

ejector, barrels of Whitworth fluid steel, net \$375.00.

Quality A. H. Barrels of Acme steel with automatic ejector \$250.00.

Quality B. H. Barrels of Acme steel with automatic ejector \$168.75, without \$150.

Quality C. H. With automatic ejector, net \$131.25; without \$112.50, barrels of Acme steel.

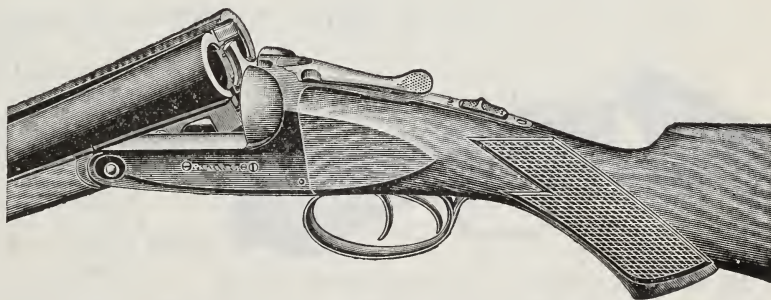
Quality D. H. with automatic ejector \$101.25; without \$82.50; barrels of fine Titanic steel.

Quality G. H. with automatic ejector \$84.75; without \$66.00; barrels of Parker special steel.

Quality P. H. Net \$72.25 with automatic ejector; without \$53.50; barrels of Parker steel.

Quality V. H. with automatic ejector \$60.25; without \$41.50; barrels of Vulcan steel.

PARKER BROS'. TROJAN GUN



The fact that the high-class workmanship of this organization is put into a gun to sell at \$31.50 must be a matter of interest to all those acquainted with Parker guns. It is a well-proportioned gun of good appearance, thoroughly well fitted. Imported Trojan steel barrels manufactured expressly for this gun with matted top rib. Stock of selected black wal-

nut; made only with full pistol grip. No cap; drop about 2¾ inches; length about 14 inches; hard rubber butt plate; fore-end and grip neatly checkered. The lock and action in this gun are of the same construction as in the higher grades. All parts drop forged from the same class of steel as used in the higher grade guns.

Made to four specifications, as follows:

- 12 Ga., 28-in. barrels, 7½ to 8 lbs. modified and full choke.
- 12 Ga., 30-in. barrels, 7½ to 8 lbs. both barrels full choke.
- 16 Ga., 28-in. barrels, 6½ to 7 lbs. modified and full choke.
- 20 Ga., 28-in. barrels, 6¼ to 6¾ lbs. modified and full choke.

No modifications other than those listed above can be made in this gun.

3F2694 Any gauge and any length of barrel, as specified above..... \$31.50

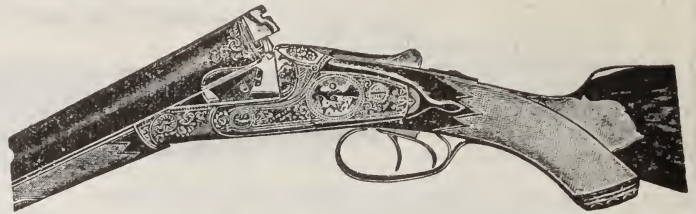
EXTRA BARRELS

	Net
Trojan Grade	\$16.00
V. H. Grade.....	26.00
V. H. Grade, with Ejector.....	44.75
P. H. Grade.....	30.00
P. H. Grade, with Ejector.....	48.75
G. H. Grade.....	33.00
G. H. Grade, with Ejector.....	51.75
D. H. Grade.....	42.00
D. H. Grade, with Ejector.....	60.75

The new Parker gun catalog sent on request.

L E F E V E R H A M M E R L E S S G U N S

The good reputation of the Lefever Gun was established fifty years ago. It is built with a compensating action to take up the wear in every direction. All grades are bored on the taper system, giving great penetration and even distribution of shot.



DURSTON SPECIAL GRADE

Dura Nitro Steel Barrels. Fitted with same mechanism as higher grades. Made in 12 or 16 gauge, bored for trap, field or brush shooting.

- 3F706 Durston Special..... \$25.00
- 3F707 Same but with automatic ejector.... 35.00

GRADE "H"

Best London twist barrels or Carman fluid steel barrels. English walnut stock, full or half pistol or straight grip. 16 gauge in Carman steel only.

- 3F708 Twelve, sixteen or twenty gauge.... \$33.00
- 3F709 With automatic shell ejector..... 44.25

GRADE "G"

Damascus or Royal Nitro Steel Barrels, full pistol grip, checkered and handsomely engraved. Full compensating action.

- 3F710 Ten, twelve, sixteen or twenty gauge \$42.75
- 3F711 With automatic shell ejector..... 54.00

GRADE "F"

Barrels Premier Nitro Steel or Damascus and the stock is fine English walnut checkered and engraved.

Full pistol grip. Fitted with the Lefever full compensating action, which takes up all wear.

- 3F712 Ten, twelve, sixteen or twenty gauge \$56.00
- 3F713 With automatic ejector..... 66.50

GRADE "E"

Damascus or genuine Krupp Essen steel barrels. English walnut stock of fancy figure; finely checkered; straight grip; one-half or full pistol grip with rubber cap. Very handsomely engraved.

- 3F714 Ten, twelve, sixteen or twenty gauge \$70.00
- 3F715 With automatic ejector..... 80.50

NOTE:—Higher grade Guns may be had upon application up to \$1,000.00.

L E F E V E R S I N G L E T R I G G E R

This single trigger can be put on any Lefever Gun now in use.

- In ordering specify if front or rear position is required..... \$25.00
- Shifted for change of barrels by Safety Slide.

L. C. S M I T H H A M M E R L E S S G U N S



All Smith hammerless guns are made in 12, 16 and 20 gauge. 10 gauge can be furnished in any priced gun listed below except 3F693.

- 4F693 Field A low-priced, reliable gun. Armor steel barrels, English walnut stock, half pistol grip, checkered and finished..... \$25.00
- 4F694 Same as 4F693 with automatic ejectors 35.00
- 4F695 Ideal Damascus to order (London steel), barrels choke bored. English walnut stock, full pistol grip, checkered and well finished..... 37.50
- 4F696 Same as 4F695 but with automatic ejector 49.00
- 4F697 Trap A thoroughly well-made gun. Damascus to order (or Crown steel) barrels, choke bored, line engraving. English walnut stock, half pistol grip, checkered and finished in the best style 55.00

- 4F698 Same as 4F697 but with automatic ejector 66.00
- 4F699 Specialty (Nitro steel in 12 and 16 gauge to order), imported English walnut stock, checkered and engraved, straight half or full pistol grip..... 64.00
- 4F700 Same as 4F699 but with automatic ejector 75.00
- 4F701 Eagle Damascus steel barrels to order. Nitro steel, imported English walnut stock, nicely checkered and engraved, straight half or full pistol grip 115.00
- 4F702 Same as 4F701 but with automatic ejector 126.00
- 4F703 Crown Nitro steel or Damascus barrels to order..... 99.40
- 4F704 Same as 4F703 but with automatic ejector 110.60

HUNTER ONE-TRIGGER

- The Hunter One-Trigger mechanism may be applied to any Smith hammerless gun—old or new.
- 4F705..... \$25.00

A. H. FOX HAMMERLESS GUNS

Sterlingworth Grade—Sterlingworth Fluid Compressed Steel Barrels, adapted to smokeless or black powders; American walnut stock; full pistol cap grip, genuine hard rubber butt plate. In four styles only. Any other barrel borings if desired at no extra charge.

Note: Drop of stock changed 1/2 inch either way for \$2.50 extra. Stock can be cut off to any desired length and refinished for \$1.00 extra.

4F2729 Net price\$25.00
4F2730 With Automatic Shell Ejector.... 32.50



	Barrels	Wt. 12 gauge	Wt. 16 gauge	Wt. 20 gauge	Stock	Drop
Trap	32	7.10 to 7.14	6.6 to 6.10	6.2 to 6.6	14	2 3/4
Standard	30	7 1/2 to 7 3/4	6 1/4 to 6 1/2	6 to 6 1/4	14	2 3/4
Field	28	6 3/4 to 7	6 to 6 1/4	5 3/4 to 6	14	3
Brush	26	6 1/2 to 6 3/4	5 3/4 to 6	5 1/2 to 5 3/4	14	3

4F2731 **Grade A**—Genuine Krupp Fluid Steel Barrels, adapted to smokeless or black powders. Dark walnut stock, checkered and engraved; half pistol grip; 12, 16 and 20 gauge; 26, 28, 30 and 32-inch barrels. Full pistol or straight grip to order at no extra charge..... \$37.50

4F2732 **A. E.** with Automatic Shell Ejector. Net..... 45.00

4F2733 **Grade B**—Genuine Krupp Fluid Steel Barrels, thoroughly seasoned and grained dark English walnut stock; artistic engraving, half pistol grip; made in 12, 16 and 20 gauge; 26, 28, 30 and 32-inch barrels. Full pistol or straight grip to order at no extra charge. Weight, 12 gauge, 6 1/2 to 8 lbs.; 16 gauge, 5 3/4 to 7 lbs.; 20 gauge, 5 1/4 to 6 3/4 lbs. Net..... 52.50

4F2734 **B. E.**, with Automatic Shell Ejector. Net..... 60.00

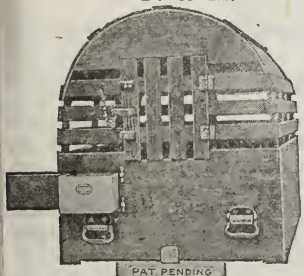
4F2735 **Grade C**—High Quality Krupp Fluid Steel Barrels, figured and dark finished, selected curly English walnut stock; artistic engraving, well covered with scroll and picture work. Half pistol grip; made in 12, 16 and 20 gauge; 26, 28, 30 and 32-in. barrels. Full pistol or straight grip to order at no extra charge. Weight, 12 gauge, 6 1/4 to 8 lbs.; C. E.

with Automatic Shell Ejector. Net \$75.00

4F2736 **Grade X**—Best Quality of Krupp Fluid Steel Barrels, especially bored and tested by hand for evenness of pattern for trap shooting. Stock of beautifully figured Circassian walnut of Monte Carlo type, or straight, half or full pistol grip, all at same price. Beautiful engraving of new style. Always equipped with Silver's Recoil Pad, Automatic Ejector, Lyman sights, unless otherwise ordered. Weight, 12 gauge, 6 1/4 to 8 lbs.; 16 gauge, 5 3/4 to 7 lbs.; 20 gauge, 5 1/4 to 6 3/4 lbs. Made with 26, 28, 30 and 32-inch barrels. **X. E.** with Automatic Shell Ejector. Net..... 100.00

4F2737 **Grade D** — Best Quality Krupp Fluid Steel Barrels, dark-finished selected Circassian walnut stock of beautifully figured grain; engraving is a combination of beautiful scroll relieved by artistic pictures of game, birds and dogs, design clearly shown in illustration. Straight, half or full pistol grip. Made in 12, 16 and 20 gauge; 26, 28, 30 and 32-inch barrels. Weight, 12 gauge, 6 1/4 to 8 lbs.; 16 gauge, 5 3/4 to 7 lbs.; 20 gauge, 5 1/4 to 6 3/4 lbs. **D. E.** with Automatic Shell Ejector. Net.... 150.00

P. & M. DOG CRATE



The P. and M. dog crate is the only crate on the market in which a valuable dog can travel in safety and comfort. The dog can be fed and watered while in transit without opening the main door of the crate, thereby avoiding all danger of the dog escaping or a stranger being bitten.

There is a small door in the front of the crate by opening which you can take out the feed and water pan, fill and return it, and at the same time it can be thoroughly cleaned.

The crate is stronger and lighter than any other crate on the market, made of the very best oak and put together with screws and brass trimmings. Made in all sizes to fit the largest down to the smallest toy.

No. 2. For hunting dogs, setter and pointer size, 36 in. long, 24 in. wide, 28 in. high. Weight 32 lbs. Price \$16.00

FOX KAUTZKY SINGLE TRIGGER

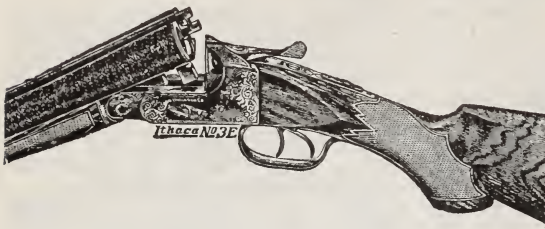
This latest of Fox superior features is acknowledged the premier of single triggers—recommended by the Fox Co.—simply cannot double. The only trigger having an automatic safety; no lost motion; no creep. We will fit the Fox Kautzky to your present gun for \$20, or new Fox guns of any grade, with the Fox Kautzky single trigger, at a cost of \$20 in addition to the regular price of the gun.

PRICES OF PARTS AND REPAIRS

We will gladly furnish parts, submit prices for repairs or the restocking of any makes of gun on application.

We will also fit and furnish extra barrels in any length and boring for any grade of shotgun.

ITHACA HAMMERLESS GUNS



Fitted with coil springs and a three-piece lock which is "lightning fast"—double thick nitro-breccin and three positive bolts and are warranted never to shoot loose.

10, 12, 16, 20 or 28 gauge with 26, 28, 30 or 32-inch barrel.

- 4F2686 **Field Gun.** Smokeless blued steel barrels, selected black walnut half-pistol grip stock and fore-end, nicely hand-checked, top lever, triggers and guards, blued and case-hardened, 10, 12, 16 and 20 gauge only \$19.50
- 4F2687 **No. 1 Special.** Special Cockeril steel barrel, black walnut stock and fore-end, hand-checked, full pistol grip with hard rubber cap, neat scroll on each side of frame..... 22.50
- 4F2688 **No. 1.** The very best English stub twist barrel, black walnut stock and fore-end nicely hand-checked, full pistol grip, neat scroll on each side of frame..... 25.00
- 4F2689 **No. 1½.** A good Damascus steel barrel, black walnut stock and fore-end checkered, full pistol grip, rub-

ber capped, setter dog engraved on each side of frame..... 31.50

- 4F2690 **No. 2.** Fine Damascus steel barrels, English walnut stock and fore-end, checkered and engraved with scroll and game scenes on both sides and bottom of frame..... 42.75
- 4F2691 **No. 2 Krupp.** Krupp fluid blue steel barrels, selected English walnut stock and fore-end, finely hand-checked, full pistol grip unless otherwise ordered, frame, trigger guard, fore-end iron and top lever engraved by hand, with game scenes, line and scroll engraving..... 49.87
- 4F2692 **No. 3.** Damascus or Krupp fluid steel barrels, fine selected French walnut stock, fore-end and stock hand-checked, straight or pistol grip, gold triggers, gold shield, all metal parts engraved by hand, dogs, birds and game scenes..... 60.00
- 4F2693 **Automatic Ejector** on any grade..10.00

CROW DECOYS



The finest Crow Decoy on the market. It is becoming popular to shoot crows over decoys, especially in closed season on other birds. A dozen of these decoys spread around in a cornfield, while the gunner hides in a

blind, will afford no end of fun. Use with this our Crow Call.
4F2182 Per dozen\$4.75

SINGLE BARREL ITHACA TRAP GUN



There is a rapidly growing demand for a high-grade single-barrel trap gun—one that will stand the continuous strain of heavy nitro powder loads. We have designed a triple-lug, triangular-fastening, triple-bolted, single-barrel trap gun, equipped with our lightning lock, automatic ejector and ventilated rib. Built only in twelve gauge, in our No. 4 Ejector and better grades. Gun shown above is our No. 5 Ejector.

Price\$160.00
No. 4 Ejector..... 85.00

Barrel—Genuine Krupp Fluid Steel, exceedingly tough, hard and strong and especially adapted for nitro powder loads. Barrels will be furnished 30, 32 and 34 inches long. We recommend a long barrel in this model. It has been found by experience to produce the very best results at the trap.

Stock—Extra fine carefully selected walnut stock of beautiful figure and coloring, dove-tailed into frame to prevent splitting and spreading, fitted with

utmost care, and checkered in a neat and artistic manner.

Lock—We have equipped our single-barrel trap gun with our lightning lock, which has proven such a big success in our double gun. Trap-shooters will appreciate the lock speed, the quick snappy pull, the smooth working and simple construction of the gun. Note in cut above the two lugs at top and one at bottom, giving a triangular form of fastening, and bolted at each of these three points. We guarantee bolts never to shoot loose.

Engraving—Frame, top lever, fore-end iron and guard beautifully engraved by hand with dogs, birds and game scenes, line and artistic scroll engraving, giving a very neat and rich appearance to the gun. Triple gold-plated trigger and gold shield in stock.

Specifications: Full, half or straight grip; made in No. 4 Ejector and better grades; twelve-gauge only; 30, 32 and 34-in. barrels; weight, 7 lbs. 10 oz. to 8¼ lbs.

WINCHESTER HAMMERLESS TAKE-DOWN REPEATING SHOTGUN

Made in 12, 16 and 20 Gauges

A safe, strong, serviceable, light-weight arm—six shots—barrels of nickel steel.

- 4F2740 12 Gauge, 26-28-30-inch barrels, weight about 7¼ lbs. \$27.75
- 4F2741 16 Gauge, 26-inch barrels, weight about 6 lbs. 27.75
- 4F2742 20 Gauge, 25-inch barrels, weight about 5¾ lbs. 27.75



- Interchangeable barrel, complete \$15.26
- Matted rib extra. 4.63

Also made in fancy grades.

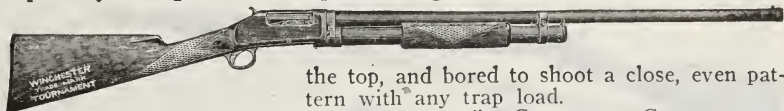
20-Gauge Hammerless Take-Down

- Fancy walnut stock and action slide, *without* checking, extra \$12.03
- Checked* fancy stock and action slide. 16.65

WINCHESTER "TOURNAMENT" GUN—Model 1897

Specially Designed for Trap Shooting

The "Tournament" gun is the popular and widely used Winchester Model 1897, 12 Gauge "Take-down" Repeating Shotgun, made according to specifications which will meet the requirements of the most exacting trap-shooter. They embrace strong and even shooting qualities.



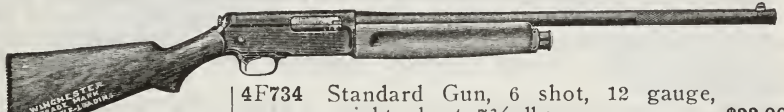
The barrel is 30 inches long, handsomely matted on

the top, and bored to shoot a close, even pattern with any trap load.

- 4F733 "Tournament" Gun, 12 Gauge, "Takedown" \$37.80
- Stocks shorter than standard furnished at an extra cost of 1.75

WINCHESTER SELF LOADING—Model 1911

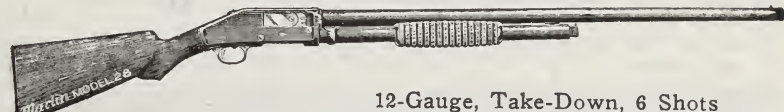
Standard stock with pistol grip 13⅞ inches long, 1⅝ inches drop at cone and 2⅜ inches at heel. Chambered for 2¾-inch, 12-gauge shells, and will handle light, medium or heavy loads. Barrel regularly furnished is full choke 26-inch nickel steel—28-inch barrel with cylinder, modified or full choke will be furnished upon order without extra cost.



- 4F734 Standard Gun, 6 shot, 12 gauge, weight about 7¾ lbs. \$33.00
- 4F735 Extra interchangeable barrel (to be fitted at factory) 14.85
- Change in length or drop of stock, extra 9.00
- Matting Barrel, extra. 4.50

MARLIN HAMMERLESS SHOTGUN—Model 28

Has solid steel breech; solid top and side ejection; cartridge release for conveniently unloading the magazine; and has matted barrel, a high-grade feature never before furnished on standard grade repeating guns. Made in 12 gauge only, 30 or 32-inch full choke barrel.



12-Gauge, Take-Down, 6 Shots

- 4F2611 Advanced to \$24.00
- 4F2612 12 Gauge, 6 shot, 26-28-30-32-inch barrel, weight 7¼ to 7¾ lbs. \$21.60
- 4F2613 16 Gauge, 6 shot, 26 or 28-inch barrel, weight 6⅞ to 6¼ lbs. 21.60

Hammerless Marlin 20-Gauge Repeater

25 or 28-inch special rolled steel matted barrel, chambered for 2¾-inch shell. Stock of straight grain walnut, 13½ inches long, 1 13/16 inches drop at comb, 2 11/16 inches drop at heel—full pistol grip.

- 4F2743 Price \$24.00
- Any other stock dimensions, \$8.00 extra.

REMINGTON AUTOLOADING SHOTGUN—Take-Down—Five Shots

"Standard" Grade

Solid Top Breech. Side Ejection. Pistol grip. Walnut Stock. Blued steel finish. Made in 12 gauge only. 26 or 28-inch barrels. Stocks, 14 or 14⅜ inches. 1⅝-inch drop at comb, 2½ inches at heel. Barrels full choke unless otherwise ordered.



"Trap" Grade

- 4F720 Advanced \$36.30
- "Special" Grade
- 4F721 Same as 4F720 but has selected English walnut stock and fore-end handsomely checked \$45.40

- 4F722 Same as 4F721 but has straight grip and stock, is 14 inches long, 1½-inch drop at comb and 2¼ inches at heel. 14 to 14¾ stocks to order. \$45.40
- 4F723 Extra bbl. for any of above guns.. 14.50
- Raised matted rib on any of above extra 6.00

REMINGTON REPEATING SHOTGUN—Take-Down—Hammerless

"Standard" Grade

Solid breech. Bottom ejection Pistol grip; walnut stock. Matted rib on receiver. Blued steel finish. Made in 12 gauge only, 30-inch barrels. Stocks, 13¾ inches long, 1½ inches drop at comb and 2½ at heel. Barrels full choke unless otherwise ordered.

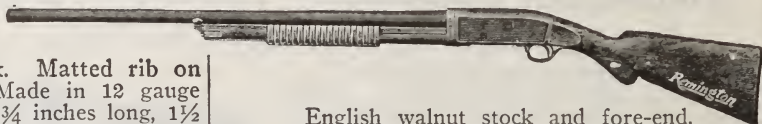
4F724 \$28.45

"Field" Model

4F725 Same as "Standard" but has 26-inch barrels \$28.45

"Trap" Model

4F726 Same as "Standard" but has selected



English walnut stock and fore-end, handsomely checked. Straight or pistol grip. Chambered for 2¾-inch shells. 12 gauge only, 30-inch barrels. Stocks 14¼ inches long, 1½-in. drop at comb, 2 inches at heel... \$47.80
 "Ordnance" Steel Barrels on "Trap" Grade, extra 6.00
 Any variation from any of above dimensions, extra 8.50

MILITARY MODEL



The Remington-UMC Military Model and Cadet rifle is designed to meet the demand for an attractive and durable .22 cal. military arm of light weight for the younger generation.

Its extreme accuracy and splendid handling qualities recommend it particularly for drill and target work. These features have caused it to be

adopted by a number of the leading military academies throughout the country.

SPECIFICATIONS—Chambered for .22 Short cartridges. Stock and fore-end are of oil-finished selected walnut; barrel of Remington steel, accurately rifled and sighted, 28 inches in length. Length over all, 43 inches. Weight 5 pounds. Equipped with oak leather sling strap, bayonet, scabbard, stacking swivel, etc.

No. 4S, Military Model Solid Frame, price... \$7.25 With Bayonet \$8.35

BLUE ROCK TRAPS

These traps are intended to throw Blue Rock Clay Pigeons, and are made in two styles.

The difference is in the base, the upper part being the same. The Expert has a handle by which the angles of the trap can be quickly changed and the Extension Trap is designed to set and throw targets in one position.

4F2242 Extension Spring Trap..... \$5.00

4F2243 Expert Model 6.50

CLAY PIGEONS

4F2271 "Blue Rock," packed 500 in a barrel. Per barrel..... \$2.75
 Keg 1.00

ELLIOTT EAR PROTECTOR



Affords a great relief to those whose ears are affected by heavy detonation. Fits into the ear with no more discomfort than an ordinary small piece of cotton and permits the wearer to hear conversation and ordinary sounds without difficulty.

4F2152 \$1.00

RIFLE BALL TRAPS

4F2268 This trap throws clay balls for .22 cal. rifle shooting..... \$3.25

4F2269 Clay Balls. Per hundred..... .60

4F8409 1 Barrel (1500)..... 7.50

4F2270 Lot of 5000..... 22.50

DU PONT HAND TRAP



The Du Pont Hand Trap is a practical apparatus for throwing clay birds, and weighs but six pounds. It is durable and adaptable to all conditions. It may be used at picnics; on motor boats; on the deck of a yacht; and in many ways in which other traps could not possibly be worked. For the hunt, the Hand Trap proves an excellent substitute for game. The veteran trapshooter finds that the practice he is obtaining with the Hand Trap is a help to him in making better scores at his gun club. The beginner utilizes the Hand Trap to obtain a degree of proficiency before joining a Trapshooting Club. The Gun Club Secretary uses the Hand Trap to stage many enjoyable novelty shoots at his club. The trap will throw a great variety of flights and angles.

4F2744 \$4.00

MARLIN HAND TRAPS



"Throw 'em yourself."
 Can throw targets from 20 to 80 yards. Weighs less than a pound. Carried in pocket or on sling about neck so you can throw and shoot them yourself. Any angle—any speed.

Muzzle loader no sling. Price..... \$2.25

Breech loader with sling as cut. Price..... 3.50

HARRINGTON & RICHARDSON

Small Bore Double Hammer Guns

Small, light-weight double-barrel shotguns suitable for small game. They are finely balanced, having cross-bolt positive locking device. Barrels are of de-carbonized steel. American walnut stock; rubber butt plate. Fitted with rebounding hammers. This arm will handle all standard loads of black and smokeless powder.



H & R

4F2678 20 gauge, 26 or 28 - inch barrels, weight, 6 lbs..... \$16.00
 4F2679 28 gauge, 28-inch barrels only, weight, 5¾ lbs..... 16.00

4F2680 .44 cal. will handle .44 W. C. F. or 410 .44 X. L. shot cartridges. 26-in. barrels only; weight, 5¾ lbs..... \$16.00

HARRINGTON & RICHARDSON

Single Shotguns

Made in 12-16 and 20 gauge. Barrel is of blued steel, frame case hardened. Stock is of walnut; rubber butt plate.

4F2707 Without ejector \$5.50
 4F2708 With automatic ejector 6.00



H & R

H. & R. Small Calibre Single Gun

This gun is made to shoot shot cartridges and is extra light, weighing about 4¾ lbs. Can be supplied in .44 cal., using .44 W. C. F. or .44 X. L. and 410 Eley. Also in .45-70 cal. shot cartridges. 26-inch barrel blued steel, frame case

hardened, walnut stock, rubber butt plate.
 4F2709 Without automatic ejector..... \$5.50
 4F2710 With automatic ejector..... 6.00

HOPKINS & ALLEN SINGLE SHOTGUNS

Bored to shoot Nitro Powder—12-16-20 gauge—Full choked barrel—Blued finish—Walnut stock—Half pistol grip—Rubber butt plate.

4F2705 Without automatic ejector..... \$5.50
 4F2706 With automatic ejector..... 6.00

THE WINCHESTER REPEATING SHOTGUNS

Standard stock 13¾ inches long, 1½ inches drop at comb, 2½ inches at heel. Stocks furnished if desired 13 inches long, 1¾ inches drop at comb, and 2¾ inches at heel. Any variation from standard charged extra.



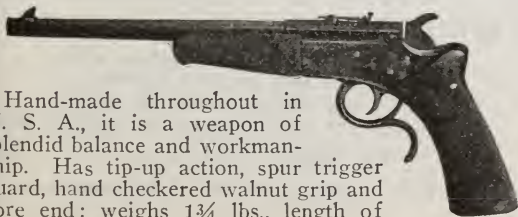
4F727 Standard Gun, 6 shots, 12 gauge, 30 or 32-inch barrels, plain walnut stock, pistol grip, ribbed forearm; weight, 7¾ lbs. \$22.50
 4F728 Standard Gun, "Take-Down," 12 gauge 24.30
 4F729 Standard Gun, "Take-Down," 16 gauge, 28-inch barrel..... 24.30
 4F730 "Brush" Gun, 5 shots, 12 gauge, 26-inch barrel, 13½-inch stock, 2½-inch drop; weight, 7 lbs..... 22.50
 4F731 "Brush" Gun, "Take-Down," 6 shot, 12 gauge; weight, 7¼ lbs..... 24.30

4F732 "Trap" Gun, "Take-Down," 6 shots, 12 gauge, 30-inch barrel, selected walnut stock, hand-made, straight grip checked; fancy walnut forearm finely checked; weight, 7¾ lbs..... \$46.80

Extras

Fancy Walnut Stock and Forearm, not checked \$10.00
 Checking, Stock and Forearm..... 5.00
 Extra Length or Drop of Stock, to order.... 10.00

THE A. & F. SINGLE BARREL .22 CAL. TARGET PISTOL



Hand-made throughout in U. S. A., it is a weapon of splendid balance and workmanship. Has tip-up action, spur trigger guard, hand checkered walnut grip and fore end; weighs 1¾ lbs., length of

barrel 10 in.; special front and rear sights for target work. Shoots .22 short, long and long rifle cartridges. Clean, quick trigger pull—an arm that meets the instant approval of experts.

Price \$15.00

Special box case for this arm holds pistol cleaning implements and cartridges.

Price \$10.00

RIFLE AND GUN CASES

When ordering, state make of weapon, length of barrel and gauge.



OUR
OWN
MAKE

FINEST
HAND
WORK

Saddle
Holsters

- 4F2137 Waterproof Pantasote duck with leather end cap and adjustable sling strap \$3.00
- 4F2138 Waterproof Pantasote duck with leather end and band over action. Combination sling strap and handle
- 4F2244 Same as 4F2138, except made of Brown Waterproof Duck..... 2.00
- 4F2139 Waterproof Pantasote duck leather ends over muzzle and action. Leather handle and pocket for cleaning rod 4.00
- 4F2245 Same as 4F2139, except made of Brown Waterproof Duck..... 2.00
- 4F2140 The most compact case made. Opens at both ends. Hand-made of finest russet leather with brass buckles, handle and sling strap..... 12.00
- 4F2141 Same as above, but opens at one end only 10.00
- 4F2142 Fine russet leather, hand-sewed. Lined with flannel; brass lock catch, rod pocket, handle and sling strap 6.00
- 4F2143 Rifle or gun trunk. Wooden case covered with russet leather, lined with green billiard cloth; strap and buckle fastenings and brass hasp lock 22.00
- 4F2144 Same as above. Extra fine, with brass corners \$25.00

WILBUR CASE

Oil-finished, dark brown leather—opens at both ends—barrels and stock in separate compartments—also pocket for cleaning implements.

Case has a compartment carrying fifty shells on looped leather slide as illustrated—only case made carrying shells—a feature appreciated by every sportsman.

4F2748 Price \$17.00

ELLIOTT CASE

Same as Wilbur case without shell compartment.

First Quality \$15.00

Second Quality 12.00

4F2246 Saddle Holsters. Heavy russet leather, new hide sewn..... 4.00

4F2247 Extra heavy leather. Sewed and rivetted for carbines and short rifles 5.50

4F2248 Bridle leather, heavily embossed. Finest holster made..... 6.50

4F2249 Hand-sewn russet scabbard, for shotguns 6.00

PLAIN AND CARTRIDGE BELTS

- 4F2146 (Style B) Russet leather. For any cartridge; also for 10-12-16 and 20 Gauge Shells..... 1.50
- 4F2147 (Style C) Combination cartridge and money belt. Extra fine quality and all hand work. Made of "Indian Tan," waterproof or English grain leather. Three inches wide. Pocket in this belt is intended to carry coin, bills and valuable papers. Loops for all calibres of cartridges \$5.00
- If for Rimless Cartridges..... 5.75

(Be sure to specify length of belt desired.)

HOLSTERS

Notice.—When ordering, state make of weapon, calibre and length of barrel.



4F2291 Pocketbook Clasp Holsters for small arms. Made of soft gray suede leather. For .25, .32 and .380 Colt Automatic and Savage Automatic pistols \$.75

4F2293 Secret Service or Shoulder Holster. Hand-made, of fine Latigo leather, soft and waterproof. Adjustable shoulder loop, strap and buckle. . . . 3.50

4F2294 Open holster for Colt Automatic pistols. Hand-made of fine russet leather 1.75

4F2296 Special holster for new .45 Government automatic Colt pistol. This holster is fitted with an Audley Patent spring clip, which holds the revolver from slipping out. Spring clip catches inside the trigger guard and pistol is released by pressure of the finger. Made of russet leather; hand sewn; has belt loop. 4.25

.25 Cal. \$2.75
 .32 and .380. 3.25

4F2297 Hip pocket holster for Colt automatic pistols. Has pocket for extra magazine. Hand-made of fine russet leather with sole leather back. 1.50

4F2299 Plain flap holster with snap-button fastener, hand-made in russet leather 1.25

4F2300 Same as 4F2299, except made of fine reinback leather 2.25

4F2301 Same as 4F2299, except made of extra heavy reinback leather. 2.75

4F2302 Flap holster for Luger automatic pistols. Strap and snap-button fasteners, hand-made, fine russet leather. 1.75

4F2303 Same as 4F2302, except made of heavy reinback leather. 2.75

4F2304 Flap holster with strap and snap-button fastener. Hand-made of fine "Indian Tan" leather. For single shot pistols 2.00

4F2305 Same as 4F2304, except made for any style revolver. 2.75

4F2306 Mexican pattern. Hand-made on special model and is the best for large calibre revolvers. Made of finest reinback or "Indian Tan" bullhide, 5½-inch length or shorter. 2.75

4F2307 7½-inch length 3.00

4F2313 Mexican pattern. Heavy bridle leather, beautifully embossed, flower design. Edge sewed with rawhide, closed end, 5½-inch length. 2.25

4F2314 Same as 4F2313, except in 6-inch length 2.50

4F2315 Same as 4F2313, except in 7½-inch length 2.75

4F2316 Mexican pattern. Russet leather, 5½-inch length 1.00

4F2317 Same as 4F2316, except in 6-inch length 1.25

4F2318 Same as 4F2316, except in 7½-inch length 1.50

Note—Numbers from 4F2313 to 4F2316 are for heavy frame revolvers, made only in sizes specified.

GENUINE PUMP ACTION REPEATER

A new Daisy Air Rifle. Loads automatically—a real rifle with genuine pump action—metal parts non-rusting gun blue—Stock Black Walnut—adjust-



able sights front and rear. Length 38 inches; wgt., 3¼ lbs. 4F2726 Retail price \$3.00

DAISY SINGLE SHOT



The smallest Daisy, shoots darts or shot with sufficient force to kill small birds, rats, etc., at a distance of 50 feet. Has black walnut stocks, cocks by breaking the barrel.

4F652 Length, 31 inches; weight, 1 lb. 13 oz. \$1.00

AIR RIFLE SHOT

In air rifles it is necessary to have shot that is very accurate in size, so that they will all fit the bore properly. Ordinary shot is not recommended by the manufacturers for use in any air rifle.

4F653 B. B. Shot in Tubes..... \$.05

MILITARY SUPPLIES

- Elbo Pads, pair..... \$2.50
- Front Sight Protector for Springfield, each... .80
- Rear Sight Protector for Springfield, each.... 1.00
- Micrometers for Springfield, each..... 5.00
- 42-inch Jointed Steel Rod for Springfield, each 1.25
- Patches, .30 cal., per gross..... .40

HUNTING HORNS

- 12-inch and 13-inch..... \$6.00
- 14-inch and 15-inch..... 7.00
- 16-inch and 17-inch..... 7.50

WINCHESTER SALUTING CANNON

Much better and safer than the usual "toy" cannon. Has 12-inch rolled, tapered, blue steel barrel, mounted on wheeled, japanned iron carriage. Breech-loading and fired with lanyard. Weight, 15 lbs. Length, 17 inches. Height, 7¼ inches. Width, 7 inches.

- 4F633 \$9.00
- 4F634 10-gauge blank shells for same. Per box of 25..... .55

PAPER TARGETS

- 4F2272 25-yd. A. & F. Paper Targets. Doz. \$.05
- 4F2273 15-yd. A. & F. Paper Targets. 100 .30

CREEDMOOR PAPER TARGETS

- 4F2274 200 yards, 8-in. bull's eye. Per Doz. \$3.60
- 4F2275 100 yards, 4-in. bull's eye. Per Doz. .60
- 4F2276 75 yards, 3-in. bull's eye. Per Doz. .40
- 4F2277 50 yards, 2-in. bull's eye. Per Doz. .25



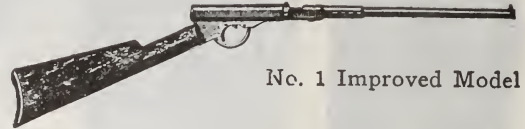
THE WINCHESTER BARREL REFLECTOR

For examining the inside of Winchester Barrels. When ordering, give model of rifle.

4F2241 \$.50

QUACKENBUSH AIR RIFLES

This is the best American made Air Rifle. At 35 feet this rifle will drive the point of a dart through ¾-inch pine.



No. 1 Improved Model

- 4F645 Handsomely nickeled finish, 36 inches over all, weight, 4½ lbs..... \$5.50
- 4F646 Same as above, except that it is heavier and the barrel is held into frame by a spring clip. Loads and cocks by pushing the barrel into the spring chamber, which is just over the trigger. Weight, 4¾ lbs..... 6.25



Model 7

A lighter model Quackenbush shooting .17 darts or B. B. shot. Outside barrel is made of blue steel stock oiled and varnished. Loads and cocks by pushing the barrel into the spring chamber, same as in the heavier models. Full length, 39 inches. Six darts, three paper targets and wiping rod, furnished with each gun.

4F647 \$3.40

AIR RIFLE SHOT SLUGS

These fit the chamber more perfectly than shot and will increase the force and accuracy of your air rifle.

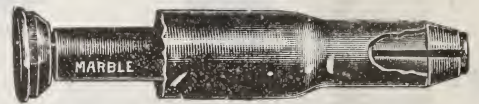
- 4F654 Burred slugs, per box of 100..... \$.08
- 4F655 Felted slugs, per box of 100..... .10

AIR RIFLE DARTS

Children enjoy these for target use. Darts are made of tempered steel and can be used repeatedly.

- 4F656 .17 cal. per dozen.. \$.20
- 4F657 .21 cal. per dozen..... .25

THE MARBLE BROKEN SHELL EXTRACTOR



It is simple, strong and will last a life-time. Made for the following rifles: .25-20 S. S., .25-20 Repeater, .25-35 Win., .25-36 Marlin, .32-40, .30-30 Win., .30-40 U. S., .32 Win. Special, .32-20, .303 Savage, .303 British, .32 W. H. V., .38-55, 45-70, 7 m/m., 7.65 m/m., 8 m/m. New sizes constantly being made.

4F2319 \$.75
State calibre and make of your rifle when ordering.

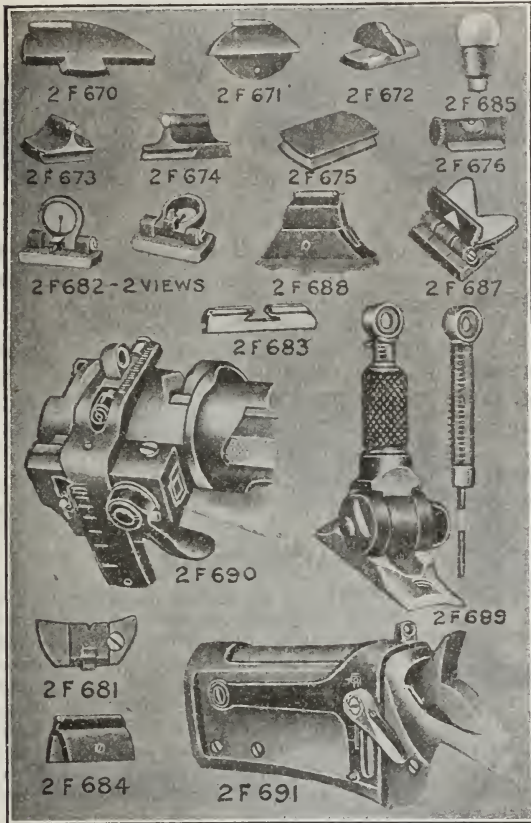
MACMILLAN EXTRACTOR



Adjustable to fit any size of shotgun shell. By pressing together, the clutches spread apart and when released take a firm hold on the shell.

4F2321 \$.25

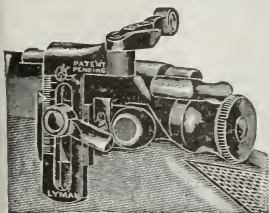
RIFLE SIGHTS



When ordering state the make of rifle, model and calibre. Use our order number when ordering, to save you the trouble of writing out full description of the sight you want.

- 4F670 Sheared Gold Bead Front Sight. For all rifles.....**¢** \$1.50
- 4F671 Lyman Front Revolver Sight.....**¢** .50
- 4F672 Lyman Ivory Hunting Front Sight.**¢** .50
- 4F673 Lyman Ivory Bead Front Sight..**¢** .75
- 4F674 Lyman Ivory Bead "Jack" Front Sight**¢** .75
- 4F675 Lyman Rear Sight Slot Blank....**¢** .25
- 4F681 Winchester Flat Top Sporting Rear Sight**¢** .75
- 4F682 Lyman Combination Ivory Bead and Globe Front Sight.....**¢** .75
- 4F683 Lyman Revolver Sight for Colt and Smith & Wesson revolvers having Rear Sight Slot.....**¢** .75
- 4F684 Lyman Revolver Sight for Colt revolvers having fixed Front Sights....**¢** .75
- 4F685 Lyman Ivory Bead Shotgun Sight, Front or Rear.....**¢** .50
- 4F687 Lyman Folding Leaf Flat Top Rear Sight**¢** .75
- 4F688 Lyman Ivory Bead Front Sight for Carbines**¢** .50
- 4F689 Lyman Combination Rear Sight for lever-action Rifles.....**¢** 2.25
- 4F690 Lyman Receiver Sight for Mauser Rifles**¢** 5.25
- 4F691 Lyman Receiver Sight for Winchester and Marlin Rifles.....**¢** 2.65

LYMAN SCHOENAUER REAR SIGHT



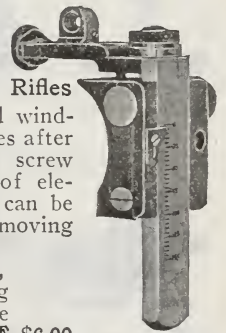
Made on the popular receiver sight principle and admits of exceptionally fine adjustment. Loosening the small screw near pointer allows slide and lever to be removed without disturbing the base. Sight base attached by removing bolt stop and using its pin and spring. Can be attached to rifle with very little cutting away.

- 4F692**¢** \$3.40

LYMAN MICROMETER RECEIVER SIGHT WINDGAUGE

For 1903 or 1906 Springfield Rifles

Furnished with elevation and windage tables for calculating changes after once targeting. Wind gauge screw "clicks" for every one-fourth of elevation or point, and therefore can be set without looking at it, or removing from shoulder.



- 4F2699 For target shooting, with pamphlet showing elevation and windage tables**¢** \$6.00

THE FITCH GUN SIGHT TELESCOPE



This telescope is superior to all others—the cone-shaped tube is composed of one piece. First quality oxidized Swedish steel, of great stability and rust-proof. The shape and the absence of projecting parts make handling easy. Setting of the crosswire to any distance is very simple and can be adjusted with gloved fingers.

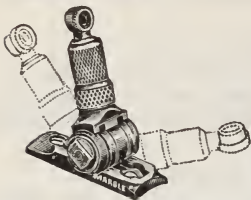
- Magnifying power23/4
- Field of rim at 100 yards.....17 yards
- Objective diameter.....1 1/8
- Light gathering power......49
- Distance from lens to eye.....3 1/8 in.

- Length of tube.....11 in.
- Weight of telescope.....12 1/2 oz.
- Telescope alone.....\$50.00
- Mounted to rifles adapted to this scope..\$75.00

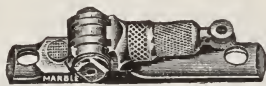
ANTI-FLINCH RECOIL PAD
A Perfect Shock Absorber
Many New Features



No kick coming when Anti-Flinch Recoil Pad is used on your shotgun. Best grade of LIVE red rubber vulcanized on black hard rubber base plate. Oblong holes through soft rubber, slanting at an angle of 45 degrees in line with stock; eliminates upward whip of muzzle and takes up the recoil. Maintains balance of gun for second shot. Leading trap and game shooters using it. Latest improvement in recoil pads. Price each..... \$3.00



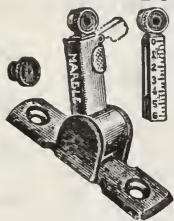
MARBLE'S FLEXIBLE PEEP SIGHT



This flexible rear sight has an automatic joint—when struck on front or back the coil spring in the hinge brings it instantly into position for shooting—the sight is thus always in position when needed. It can, however, be locked down by sliding button at the back of hinge. The automatic joint permits the use of this sight on rifles with long firing bolts. An elevation lock turned up against the elevating sleeve, prevents it from turning and holds the disc stem true and rigid at any elevation. Two discs are furnished with each sight. A screw in the bottom of disc stem permits a quick change of point blank range without tools. State the make, model and calibre of the rifle and whether it has pistol grip stock.

4F2208 \$2.25

MARBLE'S SIMPLEX PEEP SIGHT For .22 Cal. Rifles Only



The stem can be set very quickly in any position by raising the lock to a horizontal position and moving the stem up or down with the fingers. The lock holds the stem rigid at any elevation. The sight is held firmly by an inside spring in the proper position for shooting but can be easily

folded down.

4F2210 \$1.25

MARBLE'S REVERSIBLE FRONT SIGHT Ivory and Gold Bead Combination



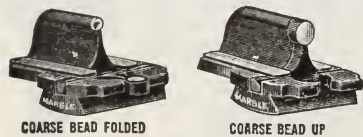
Furnished in 1-16, 3-32 or 1/8-inch sizes.

Specify what size of bead is

wanted when ordering, also give make, model and calibre of rifle.

4F2223 \$1.15

MARBLE'S DUPLEX SIGHT



COARSE BEAD FOLDED

COARSE BEAD UP

Two sights in one and each perfect. Suitable for all standard American rifles. The 1-16-inch Gold Bead

is for target practice and game in ordinary light and on snow. The 1/8-inch white enamel bead, which snaps down while the gold bead is in use, can be instantly thrown into position for use in failing light.

4F2218 \$1.25

MARBLE'S ADJUSTABLE LEAF SIGHT



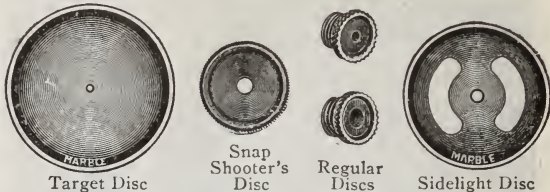
ACTUAL SIZE OF NOTCH PIECE

The leaf is firmly held in position by the spring of the long flat part when either up

or down. The notch-piece is held at elevation desired by a screw at its side and is also reversible. The "V" shaped notch is for use with Rocky Mountain Front Sight. The half round notch is for use with Bead Front Sight. Mention make, model and calibre when ordering.

4F2219 \$.75

INTERCHANGEABLE DISCS FOR ALL MARBLE PEEP SIGHTS



- 4F2212 Target Disc, small aperture..... \$.40
- 4F2213 Target Disc, large aperture..... \$.40
- 3F2211 Snap Shooter's Disc, half-inch diameter with large hole for snap shooting \$.40
- 4F2216 Regular Disc, small aperture..... \$.20
- 4F2217 Regular Disc, large aperture..... \$.20
- 3F2214 Sidelight Disc, invaluable for use in dim light or failing eyesight..... \$.40
- 4F2215 Sidelight Disc, large aperture..... \$.40
- 8 Side Light Disc 3-32 aperture..... \$.40

MARBLE'S V-M



Embodies an optical principle new to many shooters. As the eye quickly and surely finds the center of the peep sight, so it finds the center of this front sight. The advantage of the aperture over bead sights is that the object aimed at is not covered up by the front sight. The shooter aims directly at the point of impact instead of lower, as is necessary with bead sights. The act of aiming is without effort and always accurate.

Are made from the best tool steel. Face and lining of aperture are made from our lustrous Pope's Island Gold, visible in the dimmest light. The aperture is 5-32 inch inside diameter, 1-4 inch outside diameter, 1-8 inch deep. Repeated tests prove conclusively that these dimensions are best suited to the average shooter's need and are correct for practically all riflemen.

Net, each..... \$1.25

MARBLE'S IMPROVED FRONT SIGHT Ivory or Gold Bead



This sight enables the shooter to make accurate shots at any range without stopping to adjust the rear sight. Made to fit all standard American rifles, and is fitted with ivory or Pope's Island Gold Bead.

4F2221 \$.75

MARBLE'S STANDARD IVORY OR GOLD BEAD FRONT SIGHT



Made for all American rifles and finished in white or red Ivory Bead or Pope's Island Gold Bead.

4F2221 \$.75

KING'S TRIPLE BEAD FRONT SIGHT

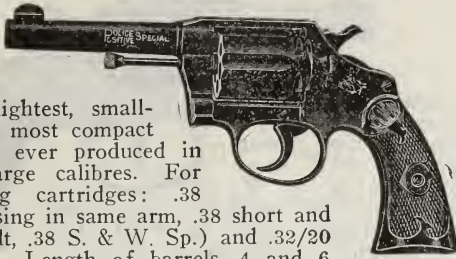


This sight can be changed instantly to suit all conditions of weather, light and background. It

has three separate and distinct beads (Ivory, Gold and Black) all on the rifle at one time.

4F2222 \$1.50

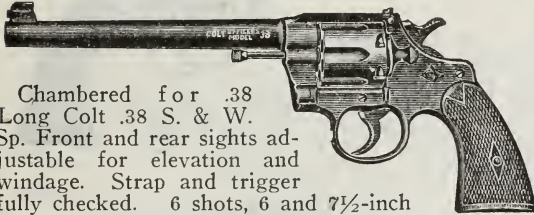
"POLICE POSITIVE SPECIAL" DOUBLE ACTION



The lightest, smallest, and most compact revolver ever produced in these large calibres. For following cartridges: .38 Colt (using in same arm, .38 short and long Colt, .38 S. & W. Sp.) and .32/20 6 shots. Length of barrels, 4 and 6 inches. Weight, with 4-in. barrel, 22 oz. Finish blued or nickel plate.

4F784 \$14.00

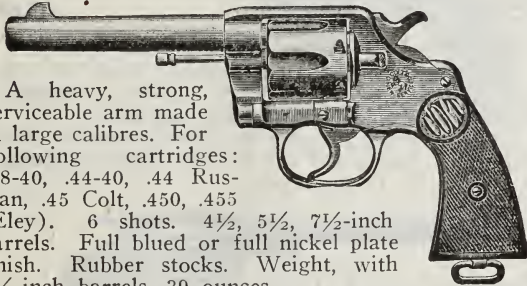
"OFFICERS' MODEL" DOUBLE ACTION TARGET



Chambered for .38 Long Colt .38 S. & W. Sp. Front and rear sights adjustable for elevation and windage. Strap and trigger fully checked. 6 shots, 6 and 7½-inch barrels. Full blued finish. Checked walnut stocks. Weight with 6-inch barrels, 33½ ounces.

4F786 \$18.50

COLT "NEW SERVICE" DOUBLE ACTION



A heavy, strong, serviceable arm made in large calibres. For following cartridges: .38-40, .44-40, .44 Russian, .45 Colt, .450, .455 (Eley). 6 shots. 4½, 5½, 7½-inch barrels. Full blued or full nickel plate finish. Rubber stocks. Weight, with 4½-inch barrels, 39 ounces.

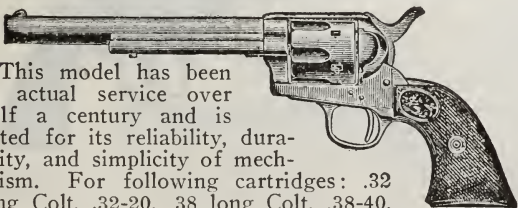
4F787 \$16.75

COLT'S "NEW SERVICE" DOUBLE ACTION TARGET REVOLVER

For following cartridges: .44 Russian, .45 Colt, .455 Eley. Guard, straps and trigger finely checked. Front and rear sights adjustable for elevation and windage, respectively. Six shots. 7½-inch barrel only. Full blued finish only. Checked walnut stocks. Weight, 42 ounces.

4F2722 \$27.00

COLT'S SINGLE ACTION ARMY



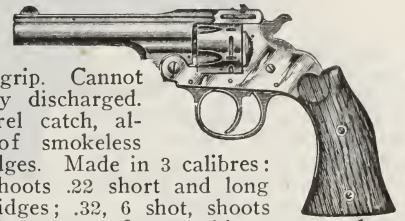
This model has been in actual service over half a century and is noted for its reliability, durability, and simplicity of mechanism. For following cartridges: .32 long Colt, .32-20, .38 long Colt, .38-40, .41 long Colt, .44 Russian, .44-40, .45 Colt. Six shots. 3¾, 5½, 7½-inch barrels. Blued or full nickel finish. Weight, .45 cal., 4¾-inch barrel, 37 ounces.

..... \$15.50

HOPKINS & ALLEN TRIPLE ACTION SAFETY POLICE ARMY

United States Government Tested, Passed and Approved.

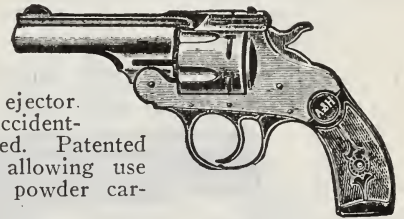
Automatic ejector. Fitted with walnut army grip. Cannot be accidentally discharged. Patented barrel catch, allowing use of smokeless powder cartridges. Made in 3 calibres: .22, 7 shot, shoots .22 short and long rim fire cartridges; .32, 6 shot, shoots .32 short and long center fire cartridges; .38, 5 shot, shoots .38 short center fire cartridges.



- 4F761 .22, .32 or .38 cal., 5-in. barrel, nickel \$10.00
- 4F762 .22, .32 or .38 cal., 5-in. barrel, blue 10.50
- 4F762 .22, .32 or .38 cal., 6-in. barrel, nickel 10.50
- 4F764 .22, .32 or .38 cal., 6-in. barrel, blue 11.00

HOPKINS & ALLEN TRIPLE ACTION SAFETY POLICE

United States Government Tested, Passed and Approved.

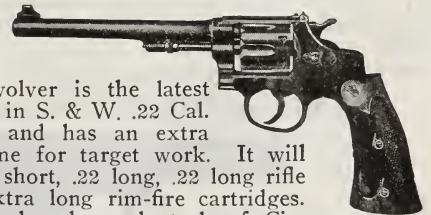


Automatic ejector. Cannot be accidentally discharged. Patented barrel catch allowing use of smokeless powder cartridges.

- 4F755 .22 or .32 cal., 2 or 3-in. barrel, nickel \$5.00
- 4F756 .22 or .32 cal., 2 or 3-in. barrel, blue 5.50
- 4F757 .38 calibre, 3¼-in. barrel, nickel..... 5.00
- 4F758 .38 calibre, 3¼-in. barrel, blue..... 5.50
- 4F759 .22, .32 or .38 cal., 6-in. barrel, nickel 6.50
- 4F760 .22, .32 or .38 cal., 6-in. barrel, blue.. 7.00

SMITH & WESSON

Model 1911, Heavy Frame, .22 Target



This revolver is the latest production in S. & W. .22 Cal. Revolvers and has an extra heavy frame for target work. It will handle .22 short, .22 long, .22 long rifle and .22 extra long rim-fire cartridges. Special checkered wood stock of Cirsassian Walnut inlaid with S. & W. Gold Monogram; target front sight and adjustable rear sight. Has a pull under four lbs.; weight, 23 oz.; barrel 6 inches long; 6 shot. This revolver cannot be furnished with any modifications.

4F2280 \$18.50

.22 Cal. Perfected Model

Has square handle, solid frame, swing out cylinder. Regularly furnished with wood stocks. Solid sights, blued or nickel finish. 3 and 3½-inch barrel.

- 4F796 \$14.50
- 4F797 Target model, 6-in. barrel, target sights 15.50

COLT AUTOMATIC PISTOLS



The best-known type of this style of arm—can be fired at rate of five shots per second—recoil ejects empty shells and reloads the gun. Cartridges supplied from a detachable magazine in handle.

- 4F788 .25 Cal. Hammerless. 2-inch barrel. Length over all, 4½ inches. 6 shots. Blued finish only. Weight, 13 ounces. **\$12.00**
- 4F789 .32 Cal. Hammerless. 3¾-inch barrel. Length over all, 6¾ inches. 8 shots. Blued finish. Weight, 23 ozs. **15.00**
- 4F790 Extra magazines for .32. **.65**
- 4F791 .380 Hammerless. 3¾-inch barrel. Length over all, 6¾ inches. 7 shots. Blued finish only. Weight, 23 ounces **16.00**
- 4F792 .38 Cal. Pocket Model. Auto hammer, 4½-inch barrel. Length over all, 7½ inches. 7 shots. Blued finish only. Weight, 32 ounces. **20.00**
- 4F793 Extra magazines for .38 and .380 calibres. **.85**
Extra magazines for .25 Cal. **.50**

**COLT AUTOMATIC PISTOL
Cal. .45 Government Model**

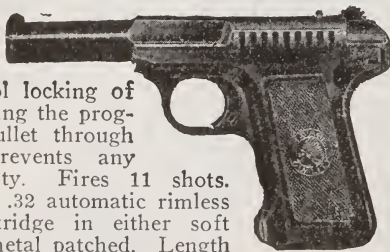
New
.45 Cal.
Government Model



This model has been adopted by the United States Government as the service side-arm. Length of barrel, 5 inches; length over all, 8½ inches; number of shots, eight, weight, 39 oz.; finish full blued with checked walnut stocks. For following cartridges: .45 U. S. Government Rimless Cartridges with 230 gr. bullet, and .45 Colt Automatic Rimless Cartridges with 200 gr. bullet. Both of these charges are smokeless powder; full jacketed bullet only.

- 4F2603 **\$22.00**
- 4F2604 Extra magazines **1.00**

SAVAGE AUTOMATIC PISTOL



In this pistol locking of the breech during the progress of the bullet through the barrel prevents any loss of velocity. Fires 11 shots. Shoots regular .32 automatic rimless smokeless cartridge in either soft point or full metal patched. Length over all, 6½ inches; weight, 19 oz.; blued finish; rubber stocks.

- 4F2663 **\$15.00**
- 4F2684 Extra magazines **.50**

.380 CAL. SAVAGE AUTO PISTOL

The .380 has the same mechanism as the .32 and is operated in exactly the same way. Weight, 21 oz.; length over all, 7 in.; length of barrel, 4½ in.

- 4F2745 Extra magazine, each. **\$16.00**

COLT'S "POCKET POSITIVE" DOUBLE ACTION



Jointless solid frame simultaneous ejection, using .32 long and short Colt, and S. & W. cartridges. Six shots, 2½, 3½—6-inch barrels. Finish, blued or nickel plate. Weight, with 2½-inch barrel, 16 ozs.

- 4F781 **\$13.00**

COLT'S "POLICE POSITIVE" DOUBLE ACTION



For .32 Long Colt, .32 Colt New Police, .38 Colt New Police cartridges.

Six shots. Length of barrel: Cal. .32—2½, 4 and 6 inches; Cal. .38, 4 and 6 inches. Finish, blued or nickel plate. Weight, with 4-inch barrel, 20 oz.

- 4F782 **\$14.00**

"POLICE POSITIVE" TARGET

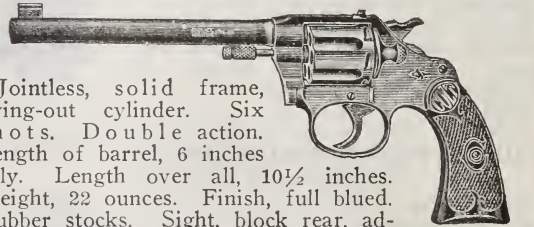
Same style and finish as Police Positive Revolver. .32 calibre, adjustable rear sight, removable front sight, light, smooth pull, 6-inch barrel. Blued finish only. Handles .32 long Colt or .32 New Police. Weight, 10 oz.

- 4F783 **\$15.00**

COLT POLICE POSITIVE .22 CAL. TARGET

Equipped with the Colt Positive Lock for .22 short and long or .22 W. R. F., rim-fire cartridges, loaded with smokeless and other powders.

When ordering be sure to specify whether you wish arms chambered for the .22 short and long, or .22 W. R. F. cartridges.



Jointless, solid frame, swing-out cylinder. Six shots. Double action. Length of barrel, 6 inches only. Length over all, 10½ inches. Weight, 22 ounces. Finish, full blued. Rubber stocks. Sight, block rear, adjustable for windage. Removable bead front sight, fastened by screw.

- 4F780 **\$15.00**

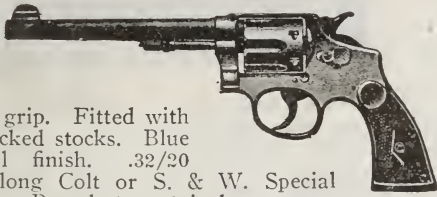
COLT "ARMY SPECIAL" DOUBLE ACTION



For following cartridges: .32-20 rifle cartridges, .38 (using .38 short or long Colt and .38 S. & W. Special), .41 short and long Colt. 6 Shots. Length of barrel, 4½ and 6 inches. Finish, blued or nickel plate. Weight, with 4½-inch barrel, 34 ounces.

- 4F785 **\$15.50**

SMITH & WESSON
Model 1905



Square grip. Fitted with wood checked stocks. Blue or nickel finish. .32/20 and .38 long Colt or S. & W. Special cartridges. Barrel, 4 or 6 inches.

4F2101 \$18.50

Model 1908

Made on same pattern as model 1905. Blue or nickel finish. .44 calibre for .44 S. & W. Special or .44 S. & W. Russian cartridges.

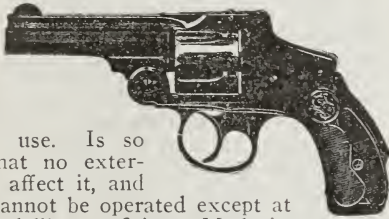
4F2102 Barrel, 4, 5, 6½-inch..... \$20.00
4F2103 With target sights..... 28.50

Model 1909

Frame and trigger guard in one piece. Barrel and sight in one. New locking device. Spiral springs. Safety rebounding block. Automatic extraction. Chambered for .38 S. & W. cartridges. 3¼ or 4-inch barrels, nickel or blue finish.

4F2104 \$16.00

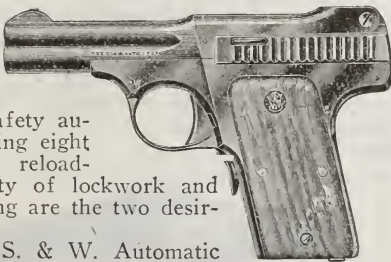
SMITH & WESSON
Hammerless Safety Revolver



For pocket use. Is so constructed that no external force can affect it, and the hammer cannot be operated except at the instant of deliberate firing. Made in blue or nickel finish, with automatic shell extractor and safety attachment.

4F2105 .32 Calibre, 3-inch \$15.50
4F2106 .38 Calibre, 3¼, 4, 5 or 6-in. barrel. 16.50

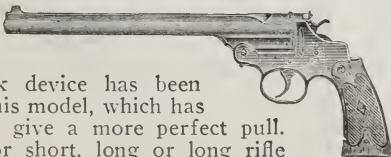
SMITH & WESSON
.35 Calibre Automatic Pistol



A double safety automatic, shooting eight shots without reloading. Simplicity of lockwork and ease of cleaning are the two desirable features.

Shoots .35 S. & W. Automatic Cartridges—rimless—76-grain bullet.
4F2746 Price \$16.50

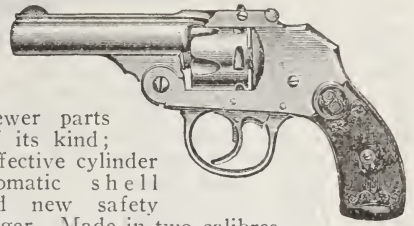
S. & W. PERFECTED SINGLE SHOT .22 CAL.



A new lock device has been perfected in this model, which has a tendency to give a more perfect pull. Chambered for short, long or long rifle cartridges.

4F2118 10-inch blue finish wood stock..... \$16.50

IVER JOHNSON REVOLVERS
Safety Hammerless Automatic Double Action



It has fewer parts than any of its kind; quick and effective cylinder catch; automatic shell ejector, and new safety catch on trigger. Made in two calibres—.32 cal. Central Fire, 2 or 3-in. barrel; .38 cal. Central Fire, 3¼-in. barrel.

4F753 Nickel, either style..... \$7.00
4F754 Blue, either style..... 7.50

Automatic Double Action Safety Hammer

Made in three calibres—.22 cal. 7 shot, Rim Fire, 3-inch barrel; .32 cal. 5 shot, Central Fire, 2 or 3-inch barrel; .38 cal. 5 shot, Central Fire, 3¼-inch barrel.

4F751 Nickel, any style..... \$6.00
4F752 Blue, any style..... 6.50

HARRINGTON & RICHARDSON
Premier Automatic Double Action



By opening the revolver in the usual manner, the shells are ejected automatically. 3-inch barrel on .22 and .32 cal.; 3¼-inch barrel on .38 cal.

4F737 Nickel, .22 Cal. 7 Shot R. F..... \$4.25
4F738 Blue, .22 Cal. 7 Shot R. F..... 4.50
4F739 Nickel, .32 Cal. 5 Shot C. F..... 4.25
4F740 Blue, .32 Cal. 5 Shot C. F..... 4.50
4F743 Nickel, .38 Cal. 5 Shot..... 4.25
4F744 Blue, .38 Cal. 5 Shot..... 4.50

H. & R. HAMMERLESS DOUBLE ACTION



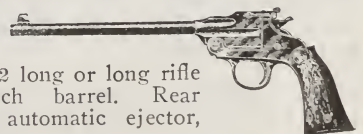
Automatic shell ejector for central fire cartridges. .32 cal. 5 shot, two or three-inch barrel; .38 cal. 5-shot, 3¼-inch barrel.

4F749 Nickel, any style..... \$5.25
4F750 Blue, any style..... 5.50

H. & A. TARGET PISTOL

Made especially for fine target work. Chambered for .22 long or long rifle cartridges, 10-inch barrel. Rear sight adjustable automatic ejector, 6 and 8 inches also.

4F769 \$10.00



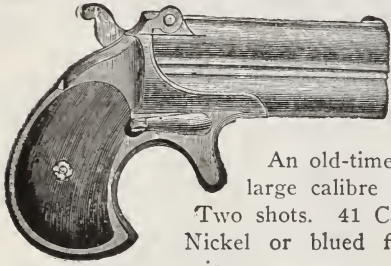
STEVENS' "OFF-HAND" TARGET PISTOL

Has round barrel with octagon breech, nickel plated frame; single shot, single trigger; walnut stock. For .22 long rifle R. F., Stevens-Pope armory R. F., .25 Stevens R. F. cartridges. Equipped with sporting rear and bead front sights. Weight with 6-inch barrel, 1 lb., 6 oz.



- 4F771 With 6-inch barrel..... \$8.00
- 4F772 With 8-inch barrel..... 9.00
- 4F773 With 10-inch barrel..... 10.00

REMINGTON DOUBLE DERRINGER

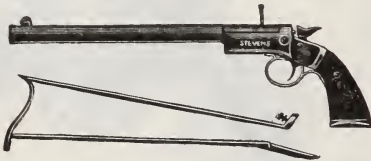


An old-time favorite for a large calibre pocket weapon. Two shots. .41 Calibre, rim-fire. Nickel or blued finish. Rubber grip.

- 4F2110 \$7.25

STEVENS' NEW MODEL POCKET RIFLE

This rifle has combination globe front and rear folding peep sights with detachable skeleton stock.



For .22 long rifle, .25 rim Stevens and .32 calibre long rim fire cartridges and .22 .7-45 rim fire will be made to order at \$2.00 extra. Weight, 2 to 2½ pounds.

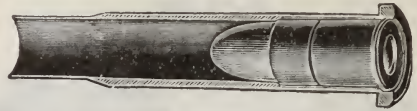
- 4F776 With 10-inch barrel..... \$10.00
- 4F777 With 12-inch barrel..... 10.50
- 4F778 With 15-inch barrel..... 11.25
- 4F779 With 18-inch barrel..... 12.00
- With Beach comb, front, open rear Vernier peep sights, extra..... 1.80

GUN SHELL EXTRACTOR

A simple and inexpensive device for extracting shotgun shells that stick in the barrel of your gun. When you order say what gauge you want.

- 4F2322 \$ 1.5

SUPPLEMENTAL CHAMBER



This device permits the use of popular pistol cartridges in rifles without change or readjustment except sights. The chamber is inserted in rifle the same as a cartridge and is extracted the same.

Made for use in the .30 Winchester, .30 Army, .303 Savage, .303 British; to shoot the .32 Short Colt and .32 S. & W., cartridges. For use in the .32 Winchester Special and .32-40 Winchester to shoot .32 Short Colt, and made for use in .405 Winchester to shoot .41 Colt D. A. Short.

- 4F2320 \$ 5.00
- State calibre and make of your rifle when ordering.

MARBLE'S AUXILIARY CARTRIDGES



The device is fitted with its own firing pin and firmly holds a real cartridge. It is loaded in magazine or breech.

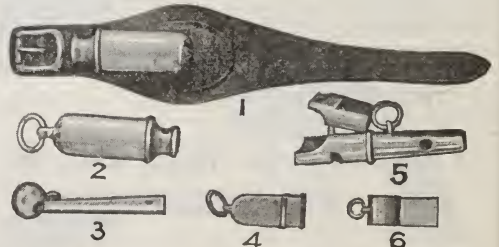
Furnished in Following Sizes:

- .22 high power using .22 long rifle.
- .30 Rem. with .32 short Colt.
- .30-30 with .32 short Colt.
- .25-35 with .25 Colt Auto.
- .25-36 Marlin with .25 Colt Auto.
- .303 Sav. with .32 S. & W. smokeless.
- .303 Sav. with .32 Colt Auto.
- .30-40 with .32 S. & W. smokeless.
- .30-40 with .32 Colt New Police.
- .32 W. S. with .32 Colt New Police.
- .30 Gov't. Rimless '03 and '06 with .32 Colt Auto.
- .32 Savage H. P. with .22 L. R. Semi-smokeless and Lesmok.
- .30 Gov't. Rimless '03 and '06 with .32 S. & W. smokeless.
- .30-40 with .32 Colt New Police.
- .30-40 with .32 Colt Automatic.
- .32 Rem. with .32 Colt Automatic.
- .303 British with .32 S. & W.
- .303 British with .32 Colt Automatic.
- .35 Rem. with .380 Colt Automatic.
- .35 Win. Model '95 with .380 Colt Automatic.
- .8 MM with .32 Colt Automatic.
- .250-3000 Sav. with .25 Colt Automatic.
- .250-3000 Sav. with .25 Short Stevens R. F. semi-smokeless or lesmok.
- Price \$.75

SIREN AND DOG WHISTLES

The greatest collection of Whistles in New York. We have a whistle to be strapped on the wrist which is the loudest whistle known—a first-class article for automobile or for calling companions in the woods or as a practical alarm—makes a real siren. These whistles are not to be confounded with the ordinary—as ours are not to be found elsewhere.

Other whistles as illustrated for all sorts of uses—first class as hunting calls for dogs.



- No. 1..... \$1.50
- No. 2..... 1.00
- No. 3..... .35
- No. 4..... .15
- No. 5..... 1.00
- No. 6..... .25

CARTRIDGES

BLACK POWDER PISTOL AND RIFLE CARTRIDGES—Rim Fire

B. B. and L. C. B. caps packed 100 in a box. All other cartridges packed 50 in a box

Cal.	Per box	Cal.	Per box	Cal.	Per box
.22	B. B. Cap, Round Ball.....\$.20	.22	Long Rifle Mush.....\$.22	.25	Short Stevens.....\$.33
.22	L. C. B. Cap, Conical..... .25	.22	Win., 1890..... .30	.25	Short Stevens Mushroom.. .36
.22	Short..... .16	.22	Win., 1890 Mushroom..... .32	.25	Stevens..... .46
.22	Short Mushroom..... .18	.22	Krag-Armory..... .20	.25	Stevens Mushroom..... .48
.22	Short Spotlight..... .17	.22	S. & W. Long..... .20	.32	Short or Extra Short..... .33
.22	Long..... .19	.22	Extra Long..... .30	.32	Long..... .37
.22	Long Mushroom..... .22	.25	Short..... .29	.41	Short..... .50
.22	Long Rifle..... .20				

Central Fire—Packed 50 in a box

Cal.	Per box	Cal.	Per box	Cal.	Per box
.25	Winchester S. S.....\$.73	.32-20	W. & M. Hol. Pt.....\$.85	.38-40	W. & M. Hol. Pt.....0 .94
.25-20	Winchester, Marlin, Rept. Rifle..... .80	.38	Smith & Wesson..... .66	.41	Short Colt's S. A..... .73
.25-20	Stevens, Win. Single Shot..... .92	.38	S. & W. gal. practice..... .61	.41	Short Colt's D. A..... .73
.32	Short Colt's..... .55	.38	S. & W. self-lubricant..... .77	.41	Long Colt's D. A..... .85
.32	Long Colt's..... .60	.38	S. & W. Special..... .81	.44	S. & W. Russian..... .97
.32	Colt's New Police..... .60	.38	S. & W. Special gallery..... .73	.44	S. & W. Special..... 1.05
.32	Smith & Wesson..... .55	.38	S. & W. Special self-lub..... .91	.44-40	Winchester, Marlin, Rept. Rifle..... .92
.32	S. & W. Gallery..... .50	.38	Short Colt's..... .66	.44-40	W. & M. Hol. Pt..... .94
.32	S. & W. self-lubricant..... .72	.38	Long Colt's D. A..... .71	.44	Game Getter..... .92
.32	S. & W. long and long gal. Winchester, Marlin, Rept. Rifle..... .77	.38	Colt's New Police..... .66	.44	Webley..... .80
.32-40		.38-40	Colt's Special..... .81	.44	Colt's U. S. A..... 1.05
			Winchester, Marlin, Rept. Rifle..... .93	.45	Colt's Eley..... 1.21

Central Fire Target and Sporting—Packed 20 in a box

Cal.	Style Bullet	Per Lead	Cal.	Style Bullet	Per Lead	Cal.	Style Bullet	Per Lead
.25-21	Stevens	\$.50	.32-40	W. S. M. Sh. Range. Lead.	\$.55	.45-60	Win. Marlin	\$.70
.25-25	Stevens	\$.50	.38-50	W. S. M. Sh. Range.	\$.70	.45-70	Gov. 500 gr. bul.	\$.80
.32-40	Win.-Sav.-Mar.	\$.55	.38-55	Win.-Sav.-Mar.	\$.70	.45-70	Gov. 405 gr. bul.	\$.73

BLANK CARTRIDGES—Packed 50 in a box

For price of any blank cartridge not listed below, refer to size desired in list of loaded and deduct 10 per cent. from prices quoted.

Cal.	Per box	Cal.	Per box	Cal.	Per box
.22	Short, Rim Fire.....\$.10	.38	Smith & Wesson, C. F.....\$.40	.45-70	Government.....\$.66
.32	Short, Rim Fire..... .17	.44-40	Winchester, Marlin, C. F..... .85		
.32	Smith & Wesson, C. F..... .31	.45	Colt, C. F..... .97		

SMOKELESS MILITARY AND SPORTING CARTRIDGES

Packed 20 in a box

Calibre	Style Bullet	Weight of Bullet in Grains	Per Box	Calibre	Style Bullet	Weight of Bullet in Grains	Per Box		
.22	Savage H. P.....	S. P. or M. C.	70	\$.83	.308	Savage.....	S. P. or M. C.	795	\$.97
6mm	U. S. N. Short Range.....	Lead	80	.95	.308	Savage Miniature.....	Lead	103	.66
6mm	U. S. Navy.....	S. P. or M. C.	112	1.05	.308	Savage Miniature.....	M. C.	100	.73
7mm	Mauser.....	S. P. or M. C.	175	1.05	.308	British Army.....	S. P. or M. C.	215	1.05
7mm	Mauser, Pointed.....	M. C.	139	1.05	.30-40	U. S. Krag Army & Win. S. P. or M. C. Pointed.....	S. P. or M. C.	220	1.05
7.65	Mauser.....	S. P. or M. C.	219	1.05	.30-40	U. S. Krag Army & Win. M. C. Pointed.....	S. P. or M. C.	220	1.05
7.65	Mauser, Pointed.....	M. C.	154	1.05	.30	Springfield '03 (Rimless).....	S. P. or M. C.	220	1.15
8mm	Mauser in Clips.....	S. P. or M. C.	236	1.21	.30	Springfield '06 (Rimless).....	S. P. or M. C.	190	1.15
8mm	Mannlicher in Clips.....	S. P. or M. C.	236	1.21	.32	Winchester Special.....	S. P. or M. C.	165	.80
9mm	Mauser.....	S. P. or M. C.	280	1.16	.32-40	Win. Marlin Savage.....	S. P. or M. C.	165	.66
9mm	Mannlicher.....	S. P. or M. C.	280	1.16	.32-40	High Power.....	S. P. or M. C.	165	.80
.25-21	Stevens.....	S. P. or M. C.	86	.61	.33	Winchester.....	S. P. or M. C.	200	1.05
.25-25	Stevens.....	S. P. or M. C.	86	.55	.35	Winchester.....	S. P. or M. C.	250	1.15
.25-35	Winchester Savage.....	S. P. or M. C.	117	.72	.38-55	Win. Marlin Savage.....	S. P. or M. C.	255	.83
.25-36	Marlin.....	S. P. or M. C.	117	.72	.38-55	High Power.....	S. P. or M. C.	255	.95
.30-30	W. M. & S.....	S. P. or M. C.	170	.92	.38-56	Winchester Marlin.....	S. P. or M. C.	255	.83
.30-30	W. M. & S. Min.....	M. C.	100	.85	.405	Winchester.....	S. P. or M. C.	300	1.25
.30-30	W. M. & S. S. Range.....	Lead	117	.63	.45-70	Government.....	S. P. or M. C.	405	.95
.280	Ross.....	Domestic make	280	1.75	.45-90	Winchester.....	S. P. or M. C.	295	.88

AUTOLOADING CARTRIDGES—RIMLESS

Calibre	Style Bullet	Weight of Bullet in Grains	Per box	Calibre	Style Bullet	Weight of Bullet in Grains	Per box		
.25	Remington.....	Packed 20 in a Box		.35	Remington.....	M. C. Pointed.	170	\$.88	
.25	Remington.....	S. P. or M. C.	117	\$.72	.401	Winchester.....	S. P. or M. C.	250	.82
.30	Remington.....	M. C. Pointed.	101	.72			Packed 50 in a Box		
.30	Remington.....	S. P. or M. C.	170	.80	.32	Winchester.....	S. P. or M. C.	165	1.37
.30	Remington.....	M. C. Pointed.	151	.80	.35	Winchester.....	S. P. or M. C.	180	1.43
.32	Remington.....	S. P. or M. C.	165	.80	.351	Winchester.....	S. P. or M. C.	180	1.65
.35	Remington.....	S. P. or M. C.	200	.88					

SMOKELESS POWDER SHOT CARTRIDGES—Packed 50 in a box

Cal.	Rim-Fire	Per box	Cal.	Per box
.22	Long.....	\$.33	.32-20	Long Shell.....\$.83
			.38-40	Wooden End..... 1.00
			.38-40	Long Shell..... 1.00
			.44-40	Wooden End..... 1.00
.32-20	Central Fire—Pistol and Rifle		.44	Game Getter..... 1.00
	Wooden End.....	\$.83		

SMOKELESS PISTOL AND RIFLE CARTRIDGES—Rim Fire

B. B. and L. C. B. Caps packed 100 in a box. All other cartridges packed 50 in a box.

Cal.	Per box	Cal.	Per box	Cal.	Per box
.22 B. B. Caps, Round Bullet	\$.20	.22 Long	\$.22	.22 Winchester Mushroom 1890	\$.36
.22 L. C. B. Caps	.25	.22 Long, Mushroom	.25	.22 Winchester Auto. 1903	.33
.22 Short	.17	.22 Long Rifle	.25	.22 Winchester Auto. 1903 H. P.	.36
.22 Spotlight Short	.18	.22 Long Rifle, Mushroom	.28	.22 Remington Auto.	.33
.22 Short Hol. Pt.	.22	.22 Winchester, 1890	.33		

Central Fire—Packed 50 in a box.

Calibre	Style Bullet	Weight of Bullet	Per Box	Calibre	Style Bullet	Weight of Bullet	Box Per
.25 Colt Auto Pistol	S. P. or M. C.	50	\$.81	.38 S. W. Spec. Target	Lead	130	\$.77
.25-20 Winchester-Marlin	Lead	86	.93	.38 Short Colt's	Lead	125	.77
.25-20 Winchester-Marlin	S. P. or M. C.	86	.97	.38 Long Colt's	Lead	148	.81
.25-20 Winchester-Marlin H. V.	S. P. or M. C.	86	1.02	.38 Colt New Police	Lead	150	.77
.25-20 Stevens-Winchester	S. S. Lead	86	1.02	.38 Colt Special	Lead	158	.91
.25-20 Stevens-Winchester	S. S. S. P. or M. C.	86	1.05	.38 Colt's Automatic	S. P. or M. C.	130	1.27
.30 Luger Pistol	S. P. or M. C.	93	1.27	.380 Colt's Automatic	S. P. or M. C.	95	1.21
.30 Luger Pistol	Hollow Point	93	1.27	9mm Luger	Mc.	124	1.32
.32 Short Colt	Lead	80	.60	9mm Luger	Hol.	124	1.32
.32 Long Colt	Lead	81	.66	.38-40 Winchester-Marlin	S. P. or M. C.	180	1.16
.32 Colt New Police	Lead	100	.66	.38-40 Winchester-Marlin	Hol. Point	150	1.16
.32 Smith & Wesson	Lead	83	.60	.38-40 Winchester-Marlin H. V.	S. P. or M. C.	180	1.30
.32 Smith & Wesson, long	Lead	93	.66	.41 Short Colt	Lead	163	.84
.32 Colt Automatic Pistol	S. P. or M. C.	71	.88	.41 Long Colt	Lead	195	.97
.32-20 Winchester-Marlin	S. P. or M. C.	100	.97	.44 S. & W. Russian	Lead	246	1.05
.32-20 Winchester-Marlin H. V.	S. P. or M. C.	100	1.02	.44 S. & W. Special	Lead	246	1.15
.32-20 Winchester-Marlin	Lead	100	.94	.44-40 Winchester-Marlin	S. P. or M. C.	200	1.15
.32-20 Winchester-Marlin	Lead Hol. Pt.	90	.95	.44-40 Winchester-Marlin	Hol. Point	165	1.12
.35 S. & W. Auto.	S. P. or M. C.	76	.91	.44-40 Winchester-Marlin H. V.	S. P. or M. C.	200	1.32
.38 Smith & Wesson	Lead	146	.77	.45 Game Getter	Lead	115	1.05
.38 S. & W. Special	Lead	158	.91	.45 Colt's U. S. A.	Lead	250	1.15
.38 S. & W. Spec. Mid Range	Sharp Should.	120	.77	.45 Colt's Automatic	M. C.	200	1.43

BLACK POWDER SHOT CARTRIDGES

Cal.	Per box	Cal.	Per box	Cal.	Per box
.22 B. B. 100 in a box	\$.45	.32 S. & W. Long	\$.55	.45 Colt's	\$.121
.22 Long 50 in a box	.35	.32-20 Wood End	.72		
.32 Long 50 in a box	.60	.32-20 Long Shell	.72		
.38 Short 50 in a box	.83	.38 Smith & Wesson	.61		
.38 Long 50 in a box	.95	.38 Long Colt's	.66		
		.38-40 Wooden End	.83		
		.38-40 Long Shell	.83		
		.41 Long Colt's	.83		
		.44 S. & W. Russian	1.00		
		.44-40 Wooden End	.83		
		.44 Game Getter	.83		
		.44 X. L.	.88		

Central Fire—Target—Sporting "Shot"
Packed 20 in a box

.32-40 Win., Marlin, Savage	\$.74
.38-55 Win., Marlin, Savage	.77
.38-56 Winchester, Marlin	.77
.45-70 Government	.88
.45-90 Winchester, Marlin	.77
.250-3000 S. P.	.88
.250-3000 F. M. P.	.88
.280 Ross Copper Tip	1.93

LOADED SHELLS IN CASE LOTS OF 500

Choice—N. C., Rep. or Climax } Prices quoted on application,
Choice—Arrow, Leader or Ajax } Specify exactly what is wished in writing.



Low Brass Shells



High Brass Shells

LOW BRASS SHELLS

Choice of U. M. C., Nitro Club, Winchester Repeater, U. S. Climax.

Drs. of Powder	Oz. of Shot	Size of Shot	Per Box of 25	Drs. of Powder	Oz. of Shot	Size of Shot	Per Box of 25	Drs. of Powder	Oz. of Shot	Size of Shot	Per Box of 25
2 3/4	1	12 Gauge	\$.70	3 1/4	1 1/4	1 to 8	\$.75	2	3/4	20 Gauge	\$.65
3	1	4 to 10	.70	3 1/2	1 1/2	4 to 10	\$.80	2 1/4	7/8	1 to 10	.65
2 3/4	1 1/8	4 to 10	.70	3 1/2	1 1/2	1 to 8	.80	1 3/4	5/8	1 to 10	\$.75
3	1 1/8	1 to 10	.70	3 1/2	1 1/4	1 to 8	.80	2	5/8	1 to 10	.85
3	1 1/4	6 to 8	.75			16 Gauge					
3 1/8	1 1/8	6 to 8	.75	2 1/4	7/8	6 to 10	\$.65				
3 1/8	1 1/4	6 to 8	.75	2 1/2	7/8	1 to 10	\$.65				
3 1/4	1 1/8	1 to 10	.75	2 1/2	1	1 to 10	.70				

If chilled "B" or larger shot than sizes specified above are desired, add 5c. per box.

Be sure to specify size of shot desired.

HIGH BRASS SHELLS

Choice of U. M. C., "Arrow," Winchester Leader, U. S. Ajax.

Drs. of Powder	Oz. of Shot	Size of Shot	Per Box of 25	Drs. of Powder	Oz. of Shot	Size of Shot	Per Box of 25	Drs. of Powder	Oz. of Shot	Size of Shot	Per Box of 25
2 3/4	1	12 Gauge	\$.80	3 1/4	1 1/4	1 to 8	\$.85	2 1/4	7/8	16 Gauge	\$.75
3	1	1 to 10	.80	3 1/2	1 1/2	1 to 8	.85	2 1/2	7/8	1 to 10	.75
2 3/4	1 1/8	4 to 10	.80	3 1/2	1 1/4	1 to 8	.85	2 1/2	1	1 to 10	.80
3	1 1/8	1 to 10	.80	3 1/4	1 1/2	4 to 10	\$.85	2 3/4	1	1 to 8	.80
3	1 1/4	6 to 8	.80	3 1/2	1 1/4	1 to 8	.95				
3 1/8	1 1/8	6 to 8	.85	3 3/4	1 1/2	1 to 8	.95	2	3/4	4 to 10	\$.75
3 1/8	1 1/4	6 to 8	.85	4	1 1/4	1 to 6	.95	2 1/4	7/8	1 to 10	.75
3 1/4	1 1/8	1 to 10	.85	4 1/4	1 1/4	1 to 6	.95				

Be sure to specify size of shot desired.

MILLS DESPATCH CASE

Designed by an army officer—made of Standard Army Drab Duck—weighs 15 ozs. Has celluloid windows, divided in one-inch squares with felt lining—Mills Fasteners—has regular pockets for papers and small pocket for pencils, pens, etc., web shoulder strap, bronzed metal hook and adjustable buckle.

4F2753 \$4.50

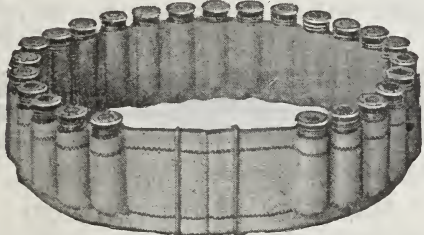
MILLS MAGAZINE BELT



For carrying clip-loaded cartridges or auto-rifle magazines. Made of strong cotton webbing with eight pockets—four on each side. Each pocket has a flap cover with snap buttons; color, drab.

- 4F2150 2¾-in. wide with pockets for U. S. A. Springfield; 7 mm. and 8 mm. Mauser; Mannlicher and British Army Ammunition \$2.00
- 4F2151 2¼-inch wide for Remington and Winchester auto-rifle magazines X 2.00

HUNTER'S WEB BELT



A light belt of medium weight, strong webbing with shell pockets closed at the bottom. Made for all sizes of shells and cartridges. Adjustable to fit any person. Colors, gray or drab.

4F2149 Specify size of cartridge..... \$1.75

MILLS' WOVEN BELTS

For either shotgun shells or rifle cartridges. Made of strong gray woven belting material with webbing shoulder straps. Has heavy strong hook buckle. Is adjustable for small or large person. At the bottom of the belt is inserted four brass hooks for game-carriers.

4F2148 Specify size of cartridge..... \$2.00

GUN CLUB SUPPLIES

- 4F2605 Squad Score Sheets (100 sheets in a package). Per pkg. \$1.25
- 4F2606 Cashier Sheets (1 set for each day's shoot). Per set.25
- 4F2607 Gun Club record sheets. Each.10
- 4F2608 Report Sheets (100 in a pad). Per pad50
- 4F2609 Score Book (150 sheets bound in cloth). Each. 1.00
- 4F2610 Crayons (box of 1 dozen). Per box40

AMMUNITION OR SHELL CASES

Finest quality Reinback leather, hand made case, zinc sheeting lined, straps with brass lock buckles, strong and serviceable.

- 4F2252 For 100 shells..... \$7.00
 - 4F2253 For 200 shells..... 8.00
- Leatheroid, the strongest and most serviceable.
- 4F2254 To carry 4 boxes of shells (100)... \$3.00
 - 4F2255 To carry 8 boxes of shells (200)... 3.50
- English Shell Bag made of genuine wild hog skin and sewed as only the English can make up leather goods—has web strap for carrying bag on shoulder. Prices \$9.00, \$9.50, \$11.50.

GALVANIZED IRON BOX

Aluminum finished, but does not have countersunk handles which can, however, be supplied extra. Made in 3 sizes.

- 4F2260 Holding 100 loose shells; length, 13-in.; width, 6-in.; height, 4-in.; weight, 3 lbs. 4 ozs. \$2.50
 - 4F2261 Holding 150 shells; length, 13-in.; width, 7¾-in.; height, 4¾-in.; weight, 4 lbs. 8 ozs. 4.00
 - 4F2262 Holding 200 shells; length, 13-in.; width, 9-in.; height, 5-in.; weight, 4 lbs. 12 ozs. 4.75
- For countersunk handle, any style box, add 1.00

ENGLISH CARTRIDGE BOXES

Box is of oak—outside beautifully covered with English sole leather—heavy brass corners and strong brass lock. Has removable partition, dividing box from one to five compartments. Leather straps go entirely around box and buckle.



- 4F2747 No. 1 Box, 14x9½ x5 inch, 200 shells.. \$25.00
- 4F2748 No. 2 Box, 17½x -11¼ x5 in. 350 shells \$30.00
- 4F2749 No. 3 Box, 18x13x5-in., 500 shells.. 35.00

TRAP SHOOTERS' SHELL POCKET



Made of good quality russet leather. Square corners. Made to hold a box of 25 shells. The end of box may be cut away so shells may be reached easily or shells may be put in loosely. Fits on to shooter's belt in any position.

- 4F2256 Russet leather. \$1.25
- 4F2145 Best hand sewed belt for same... 1.50

CARTRIDGE LOOPS



- This is an auxiliary cartridge holder, which can be slipped on to the belt. Furnished in any calibre—number of loops according to calibre. Made of best russet leather, sewn by hand in two styles.
- 4F2264 Single thickness of leather. Three belt loops \$1.25
 - 4F2265 This style is heavier and is made of two thicknesses of leather. Left open in the middle through which the belt is threaded. \$1.50
 - 4F2266 For rimless rifle or pistol cartridges. Made of single thickness of leather, When ordering this loop it is necessary to state what cartridges the loop is intended to hold..... \$1.75

GAME CARRIER

The heads of the birds are slipped through the top loop of the wire and pushed into the narrow neck of the spring, where they are securely held. The webbing is just the right length to carry in hand, over the arm or across the shoulder.

4F2100 \$.25

SILVER RECOIL PAD

To be permanently attached to stock of gun. Made of sponge rubber with a solid rubber back. It is a great shock absorber.

4F2154 American Silver Style Pad..... \$3.00

RED RUBBER RECOIL PADS

To slip over stock. When ordering state size of butt of gun, length and breadth in inches.

4F2155 \$1.00



AKRON CUSHION PAD

This pad has a soft rubber cushion which takes up the recoil. Laces on and will fit any stock. Made of fine russet leather.

4F2685 \$1.00

ROWLEY CHEEK PAD

Made of fine leather to lace on stock. In 3 sizes, viz: Raises the comb 1/8-inch, 1/4-inch, 3/8-inch.

This pad protects the face and will fit any gun. Prevents flinching, and will improve your shooting.

4F2156 Any size \$1.50

ENGLISH HAND PROTECTORS



For protection from heated shotgun barrels, caused by rapid firing. A pigskin covered shield with leather hand-sewed and shrunk on, making this superior to all other hand protectors in use.

4F2747 Price \$2.25

HEIKE'S HAND PROTECTOR

Same with cheap leather covering glued on.

4F2323 6 inch \$.75

4F2324 9 inch 1.15

4F2325 12 inch 1.35

U. S. GOVERNMENT RIFLE CLEANER



United States Government Rifle Cleaner is a tool which every sportsman and target shooter will appreciate. It consists of a bristle brush and slotted wiper, with detachable cord and weight for dropping through barrel. A separate slotted wiper is furnished for drawing through a dry cloth and for oiling purposes.

4F2226 All calibres \$.35

SHOTGUN FIELD CLEANER

Made for shotguns on the principle of the U. S. Government Rifle Cleaner. For 8, 10, 12, 14, 16 and 20 gauge.

4F2227 \$.75

MARBLE JOINTED RIFLE ROD

Brass in three sections, reinforced at joints by a steel dowel, gives special rigidity to the rod. Wood handle, jagged and slotted detachable tips.

4F2157 All calibres \$1.00

WOOD SHOTGUN CLEANING ROD

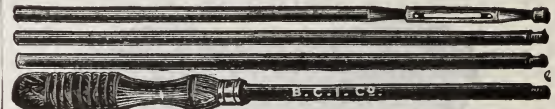
Wood Shotgun Cleaning Rod in an envelope containing Scratch Brush, Wiper, and Swab.

4F2159 Three jointed wooden rod, 10, 12 and 16 gauge \$.30

4F2160 Three jointed wooden rod, 20 and 28 gauge30
44-410 calibre also..... .30

4F2161 Three jointed Cocobolo rod, 10, 12, 16 and 20 gauge..... 1.00

B. G. I. RIFLE CLEANING RODS



Four jointed brass rods, slotted and jagged, with revolving handle. Threaded tip to take brass of bristle brushes.

4F2158 All calibres \$.50

4F2169 Bristle Brushes, all calibres..... .15

MARBLE'S FIELD CLEANER

Used on any Marble rifle rod, or carried in the pocket for use in the field. Cord at each end by hooking the loop over some projection, and holding the weight in one hand the rifle may be worked back and forth. State calibre wanted.

4F2228 \$.70

"POWER" GUN CLEANING ROD, WITH OIL CAN AND SCREWDRIVER COMBINED



4F2162 Made of Seamless Brass Tubing.... \$1.50

MARBLE'S REVOLVER ROD

Screw-capped, nickel-plated, brass handle accommodates the other parts, also any make or size of cleaner and an extra section if needed. It is 3/4 by 5 inches in size. Conveniently carried in the pocket.

4F2225 For 10 inch..... \$.70

4F2225 1.10

REVOLVER CLEANERS

4F2229 Brass rod, cocobolo handle and brass wire brush. All calibres.... \$.60

Extra brushes, brass or bristle.... .15

4F2230 Twisted wire, bristle brush, ring handle15

SPORTSMAN'S SEATS



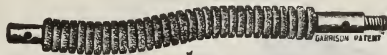
The Mills Aluminum Telescopic Stools can be raised in height from 20 to 30 inches strong and reliable.

4F2751 Price ...\$10.00

Another desirable style as illustrated; forms a desirable seat; can be carried as a Walking Stick.

4F2752 Seat of cane. Price \$10.00

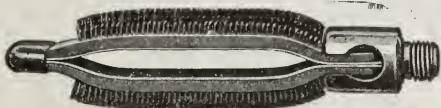
MARBLE RIFLE CLEANER



Made of soft brass gauze washers on a flexible steel spring core, thereby allowing it to follow the rifling and remove all leading, rust and caked powder without injuring the barrel. Made with threaded end for rod. Mention calibre.

- 4F2164 \$.45
- 4F2165 For shotguns 10-12-16 and 20 gauge .70

THE LEFEVER IDEAL CLEANER



To remove rust, lead, etc. Will not scratch barrels or injure the choke. Made of brass wire cloth.

- 4F2166 \$.75

THE TOMLINSON CLEANER



Fits all standard cleaning rods. Will clean entire length of barrel, notwithstanding the different chokes. Guaranteed to remove all lead, powder cake, etc. All gauges.

- 4F2167 \$.35
- 4F2168 Extra brass wire sides (pair)..... .15

BOYD MUZZLE PROTECTOR

A short tube to fit over muzzle should always be used with a metal cleaning rod.

- 4F2163 \$1.25

State make of gun and calibre—if octagon or round barrel—full magazine or otherwise.

WINCHESTER RUST REMOVER

For removing rust from the bores of all kinds of firearms and from the metallic instruments. Put up in collapsible tubes only.

- 4F2239 Per tube \$.20

HOPPE'S NITRO POWDER SOLVENT No. 9

A perfect solvent for cleaning high power rifles, shotguns and revolvers; keeps in perfect condition .22 cal. rifles using black powder, semi-smokeless or Lesmok. Will remove metal fouling and leading without the use of a brass brush. Will prevent rusting in any climate, and has no equal as a rust remover. If rifle is to be laid away this solvent must be left in the rifle to insure rust prevention. Is not combined with oils and is not a lubricant.

- 4F2701 2 oz. bottle \$.35

"3 IN 1" OIL

For cleaning and oiling rifles, guns, revolvers, reels, bicycles, sewing machines, typewriters, etc. Positively will not gum.

- 4F2204 Small size, weight 1 oz..... \$.10
- 4F2205 Large size, weight 3 ozs..... .25
- 4F2206 3½ oz. size in tin oil can..... .25
- 4F2207 8 oz. size (bottle)..... .50

MARBLE'S ANTI-RUST ROPES



With the anti-rust ropes, firearms can be laid aside for a whole season and kept in perfect condition.

- 4F2197 For double barrel guns. Set. \$.90
- 4F2198 For single barrel guns. Each. .45
- 4F2199 For rifles. (State calibre)..... .45
- 4F2200 For revolvers. (State calibre)..... .22

WINCHESTER CRYSTAL CLEANER

This preparation dissolves the copper and nickel fouling in rifles without injury to the barrel. Put up only in bottles.

- 4F2238 Per bottle \$.20

FITCH ORDNANCE SALVE



A preparation for preventing rust, pitting and corrosion of gun barrels. A thin, colorless salve; will neither gum, evaporate nor dry out. Will positively prevent rust under any conditions as long

as it remains upon the metal. Used by the United States Ordnance Department and pronounced absolutely the best and most efficient for the treatment of all ordnance and small arms. It will positively arrest the development of pitting.

- 4F2201 1 oz. can \$.10
- 4F2202 3 oz. can20
- 4F2203 4 oz. tube25

MARBLE'S NITRO-SOLVENT

Will quickly clean and absolutely protect firearms from the corrosive action of all black and smokeless powders, including cordite.

- 4F2234 2 oz. bottle..... \$.25
- 4F2235 5 oz. tin..... .50

WINCHESTER GUN GREASE

A light coat of this grease on any polished metal will prevent it from rusting. It is put up in collapsible tubes only.

- 4F2236 Per tube \$.10

WINCHESTER GUN OIL

For lubricating the lock mechanism. Will not gum or stick, or become rancid under any conditions. Put up in bottles only.

- 4F2237 Per bottle \$.10

GUN REPAIR AND STORAGE

We make a specialty of cleaning and putting in shape fine guns. Locks taken apart and oiled. Trigger pulls adjusted. Guns oiled and overhauled both inside and out, and put in storage, from season to season.

Barrels refinished and rebored, stocks refinished, bent or straightened. Recoil pads added. A try gun always in stock for fitting new guns to shooters' needs.

PREPARING FOR THE TAXIDERMIST

It is always preferable to have your work performed by a taxidermist of long experience. If your work is cheaply done it may result in your losing some of your most valued specimens through moths or unskilful mounting.

The following directions have been prepared for us by Mr. Fred Sauter, leading taxidermist of America, and will be found thoroughly practical.

FISH

Place your fish on a piece of paper or birch-bark and run a pencil completely around it, making an exact diagram for the use of the taxidermist. Cut open the fish along the poorest side, cutting along the life line from gills to tail. Separate the skin from the flesh, cut off the bones holding the fins to the body, also cut off bone holding tail to body. Take out the whole body in one piece. Next take out the gills and the meat in the jaws, breaking away the bone of the skull. Lay your fish skin on a flat surface and scrape off all flesh and fat adhering to the skin, remembering to scrape skin across and not lengthwise. Salt thoroughly with dry salt. If you cannot ship at once either put the skin into alcohol without salting, or else salt it and lay out flat on a board to dry. Never hang it up by the head or tail. If near a railroad, wrap the fish in paper or cheese-cloth and pack in a box full of moss or sawdust and cracked ice.

BIRDS

As soon as killed, stop up the nostrils and throat with cotton batting or leaves. If possible to ship at once draw the birds and fill throat and cavity with fine salt, then wrap in paper and ship. If you are too far away to ship immediately, the bird must be skinned entirely, taking out body, removing meat from leg bones and wing bones. Salt the skin, fill it with dry moss, leaves, or cotton batting, and put away in a cool, shady place until you can ship.

ANIMALS

Small Game, etc. Prepare the carcass by removing entrails and fill cavity with fine salt before wrapping in paper to ship. For long shipments, skin the animal entirely, taking the skull out. Skin the legs clear to the toe joints. Remove all meat and bones. Salt the skin well, then stretch out in a natural way (not out of shape) and dry in a cool shady place, never near a fire.

Any of the Deer Tribe. In skinning heads, the slit should be made up the back of the neck so that the throat of the finished trophy will show no seam. Cut around the neck, close to the shoulders and brisket, then open up from the center of the top of the skull, just behind the antlers, and slit down the top of the neck as far as the end of the neck skin. After this, make a straight cut to the base of each antler, your three cuts thus making a "Y." Work off the skin of the neck. To detach skull, turn head one side and slip the knife in between the base of the skull and the first vertebra; this severs the muscles and tendons. Then turn the head over and duplicate the operation. After the head is free on both sides, give it a wrench and detach the skull. Cut the cartilage of the ears close down to the skull and pry the skin away from the base of each antler, by inserting a small wooden wedge under the skin and tapping on it. Peel the skin back to the eye-sockets, but take care here that you do not cut the eyelids. Next, peel the skin off as far as the lips, being careful of the skin around the eyepit. After reaching the eyes, cut close to the bone all around, in order that the cartilage may be left attached to the skin; cut through the cartilage well back of the nostrils and you will find the skin entirely free of the skull.

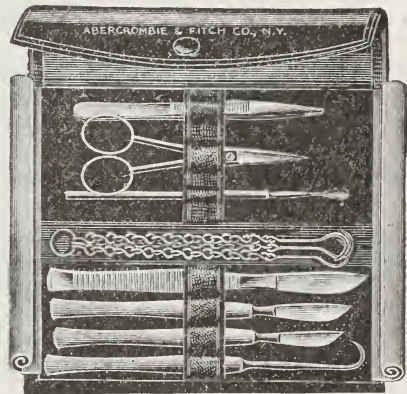
In the case of moose, the bell should be split all the way down on the back side and all flesh should be pared off, particularly from the lips, nose and butts of the ears, without, however, trimming away the cartilage. Split the lips on the inside so that the salt can penetrate. Free the skin of the back of the ears from the cartilage and skin them as far as you can so that the salt can work in and keep the hair of the ears from slipping. Trim off all flesh that clings to the skin. Scrape the skull free of flesh. Remove the brain with a stick through the hole in the base of the skull, using a little water to help. Wash the skull out and tie up the lower jaw in place. Turn the skin inside out.

Skin Curing. Rub plenty of fine salt into the entire surface of the skin, roll it up and let it lie till morning, when it should be examined closely for soft spots where the salt has not worked in and hardened the tissues. Shave these soft spots down and rub salt into them. The skin and skull should now be hung up in a shady place where neither dogs nor vermin can reach them. Remember never to dry a skin by the fire or in the sun.

SKINNING BEAR

Make the opening slit by extending the belly cut up along the throat between the jaw angles. Open the bottoms of the feet. Remove the skin of the feet, but leave the bones in position. Detach the skull and clean it out. Split the lips from the inside, and clean out the ears. After spreading and salting the skin, roll it up flesh to flesh. Complete the operation in the morning by rubbing cornmeal or ashes on it, scraping off all fat and salting again.

TAXIDERMIST CASE



Designed especially for those who desire to do their own mounting. Case has been approved by eminent professors and students of taxidermy and consists of the following: 3 assorted sizes Scalpels; 1 Tenaculum; 1 Triple Chain and Hood; 1 Brain Spoon; 1 pair of Scissors; 1 Stuffing Forceps or Tweezers.

All made of the best steel. Something every taxidermist, professional or amateur, should have.

4F2251\$4.50

GUN RIFLE AND REVOLVER REPAIR DEPARTMENT

We maintain a high-grade Repair Shop—employ the most skilled mechanics, and are prepared at any time and at short notice to make repairs, shorten stocks, change the drops and refit any shotgun or rifle. Lock work, fitting of sights, rebrowning and refinishing done on the premises.

We can supply and attach to any American-made gun, rifle or revolver—or we will send parts promptly by mail or Parcel Post.

GENUINE "NEWHOUSE" TRAPS

	<i>Each</i>
4A2639 Style 0. For rats, etc., single spring, jaws spread 3½ inches.....	\$.22
4A2640 Style I. For muskrats, skunks, etc., single spring, jaws spread 4 inches	.25
4A2641 Style 81. Same as Style 1, but with web jaws .....	.29
4A2642 Style 91. Skunk or mink, double jaw, spread 5½ inches.....	.32
4A2643 Style 91½. Mink, raccoon or fox, double jaw, spread 6½ inches.....	.48
4A2644 Style 1½. For mink, foxes, etc., single spring, jaws spread 4¾ inches	.38
4A2645 Style 2. Same as Style 1½, but with double spring .....	.56
4A2646 Style 2½. For otter, single spring, toothed jaws, spread 5¼ inches....	.88
4A2647 Style 21½. Otter, same as Style 2½, but has no teeth.....	.69
4A2648 Style 3. For otter, double spring, jaws spread 5½ inches.....	.74
4A2649 Style 3½. For otter, single spring, toothed jaws, spread 6½ inches....	.98
4A2650 Style 4. For beaver, double spring, jaws spread 6½ inches.....	.88
4A2651 Style 14. Same as Style 4, with offset toothed jaws.....	.93
4A2652 Style 4½. For wolf, double spring, jaws spread 8 inches, with drag....	2.12
4A2653 Style 50. Small bear, double spring, toothed jaws, spread 9 inches.....	4.49
4A2654 Style 150. Same as Style 50, with offset toothed jaws.....	4.49
4A2655 Style 5. Large bear, double spring, toothed jaws, spread 11¾ inches...	6.34
4A2656 Style 15. Same as Style 5, with offset toothed jaws.....	6.34
4A2657 Style 6. Grizzly bear, double spring, toothed jaws, spread 16 inches....	14.77

Note—The styles indicated are the numbers given these traps by the manufacturers, and are so well known to all trappers that we continue them to save confusion.—*Order by our order number.*

ONEIDA "JUMP" TRAPS

	<i>Each</i>
4A2658 Style 0. Rats, gophers, rabbits. Single spring.....	\$.13
4A2659 Style 1. Muskrat, hares. Single spring .....	.15
4A2660 Style 1½. Mink. Single spring...	.23
4A2661 Style 2. Coon, skunk, 'possum. Double spring .....	.34
4A2662 Style 12. Same as Style 2, with teeth. Double spring.....	.37
4A2663 Style 3. Fox or otter. Double spring .....	.45
4A2664 Style 13. Same as Style 3, with teeth. Double spring.....	.48
4A2665 Style 4. Otter or wildcat. Double spring .....	.53
4A2666 Style 14. Same as Style 4, with teeth. Double spring.....	.56

VICTOR TRAPS

For those who prefer a lighter and less expensive trap than the "Newhouse," we recommend these traps as excellent in every way. Made on identical patterns of the "Newhouse" throughout and will give good service. Prices include chains.

4A2667 Style 0. Gopher or rat.....	\$.10
4A2668 Style 1. Muskrat .....	.12
4A2669 Style 1½ Mink .....	.18
4A2670 Style 2 Fox .....	.26
4A2671 Style 3. Otter .....	.34
4A2672 Style 4. Beaver .....	.40

TREE TRAPS

Genuine "Newhouse" make and an excellent model for mink, marten, raccoon, opossum, etc. Attached quickly to trees by nails or wire and is a sure catch. Does not get snowed under and is easy to locate.

4A2673 Style 0. For weasel, ermine, squirrels, etc.; weight, 17 ozs.....	\$.19
4A2674 Style 1. For mink, marten, etc.; weight, 20 ozs. ....	.22
4A2675 Style 2. For raccoon, 'possum, etc.; weight, 23 ozs. ....	.26

"NEWHOUSE" GOPHER TRAP



The best trap of the kind on the market for catching gophers, rabbits, etc. Made in "Newhouse" quality only. Easy and simple to set, quick and positive in action. Wgt., 6 ozs.

4A2629	\$.15
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BIRD TRAPS

An excellent model for the purpose and a sure catch for small and medium-sized birds. Largely used by naturalists and collectors. Light, small and compact—a number can be carried in the pocket. Weight, 2 oz.

3A2630	\$.15
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JUMP TRAP SETTER

To fit Oneida Jump Traps. Two Setters are used for double spring sizes. A quick and easy method of handling these heavy spring traps.

3A2627	Each \$.09
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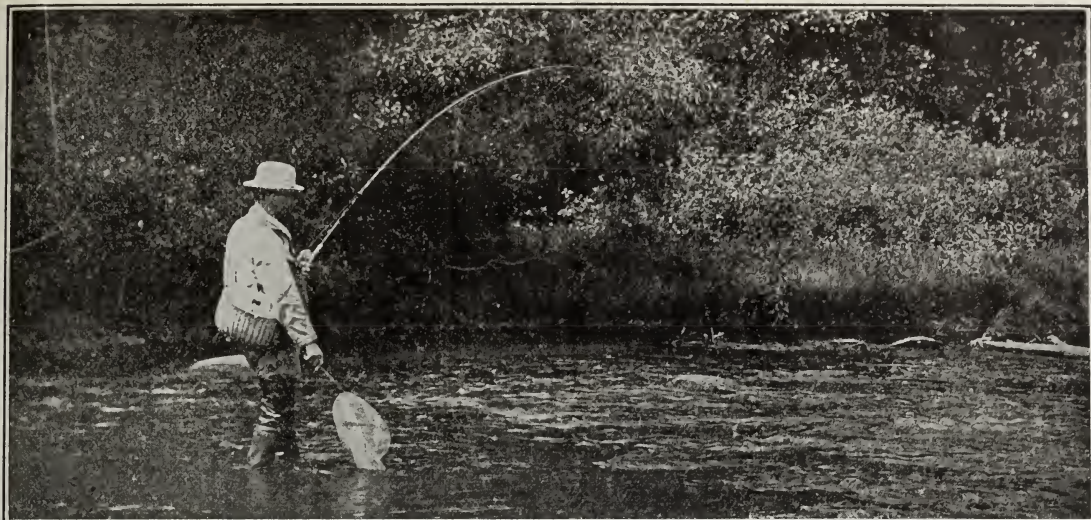
TRAP CLAMPS

Large traps are impossible to set without the use of powerful levers, which are often unhandy, and, in a boat or canoe, out of the question. These clamps solve the difficulty and by their use one man can easily and safely set the largest and most powerful traps.



3A2631 For all traps up to Style 4, weight, 3 ozs.....	\$.11
3A2632 For traps Styles 4½, 50 and 5; weight, 15 ozs.	.26
3A2633 For Style 6 bear trap; weight, 26 ozs.....	.44

Double spring traps require two clamps.



FISHING AND FISHING TACKLE

The angler considers this royal sport a fine art. The object to be attained is not first, last and always merely to obtain fish. He marks off one more successful day to which he can look back with that happy realism of the spring—the odor of the pines and flowers—the music of the swift water—the beauty and delicacy of the song of the birds, and feels in his heart the love of the ever-changing beauties of nature. These give to that pastime a charm possessed by no other.

We are not all constituted aright to understand and enjoy this fine art, but certain it is, the underlying principle must be a delicate rod and the best of tackle.

It is our constant aim to encourage the use of fine fishing tackle.

Not only does it afford much greater satisfaction, but will, in the end, prove less expensive. The constant outlay for repairs and replenishing of cheap tackle will soon exceed the cost of a fine outfit, which, with care, will last for years.

Aside from this, every angler has a subtle and genteel pride in the possession of an outfit which he knows is above reproach.

Quality is always our first consideration and we assure our patrons that we have spared nothing to create and maintain a fine line of fishing tackle whose superiority cannot be questioned, and which carries our unqualified guarantee of honest make and perfect quality.

Beside our own wide experience, we are in constant touch with angling authorities the world over and we will be pleased to advise or assist patrons in the selection of the proper tackle and correct equipment for waters with which they may be unfamiliar.

We have unequalled facilities for the manufacture of special goods, which is a large part of our business, and will be pleased to execute orders for such goods as we do not catalog.

THE CARE OF RODS

It is important after a day's fishing that the rod should be taken to pieces, carefully cleaned and placed within its case; not left outside against a wall or tree for the damp atmosphere and rain to act upon its timber and ferrules. A rod carefully used will last a lifetime, whereas, if its owner is careless, it will get out of condition, become warped, and eventually lose its suppleness and power. Never put a rod in a damp bag.

After the season's fishing is over, look over your rods. If the varnish is cracked or windings loose, repair at once or send them to us. Put your rods in a room where there is no heat (steam heat will loosen the ferrules).

REPAIRS

We repair Rods, Reels, Lines and any other piece of fishing tackle worthy of preservation. It is well at the end of the season to go over your tackle thoroughly; if the ferrules need tightening, or the rod needs varnishing, send it in to us at once and have it ready for the next season. If you have a fine enameled line that shows signs of wear do not discard it. We can redress and polish it so that it will do service for many seasons. Whatever may be the damages after a hard season's fishing do not discard tackle that has cost you considerable money, or to which you have become attached.

VARIOUS TYPES OF RODS



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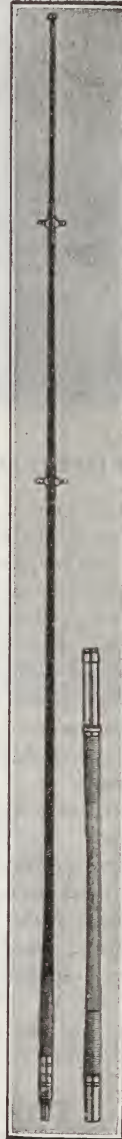
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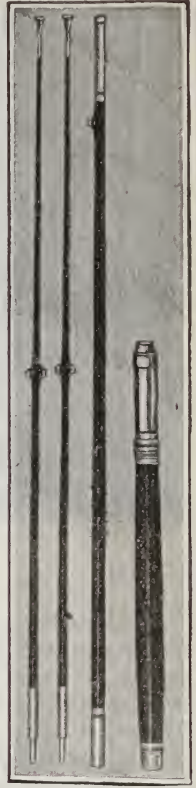
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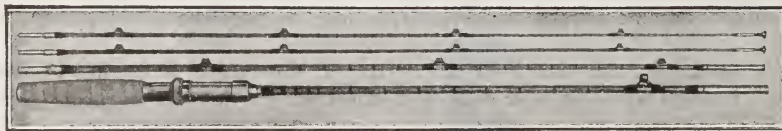
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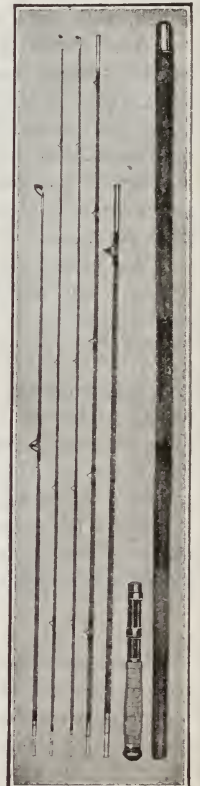
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11

DESCRIPTIONS OF VARIOUS TYPES OF RODS

It is impossible to show by illustration the quality of a rod. Selection of material, workmanship, action, hang, all enter into the manufacture of a good rod. The cuts on the preceding page are designed to show only the number of pieces, styles of grips, location of reel seat, etc., and are numbered for convenience of reference from the descriptions of individual rods. The following is a general description of the various types:

- No. 1—Two-piece Bait Casting Rod with Independent Handle.
- No. 2—Three-piece Salmon Rod with Extra Tip.
- No. 3—Three-piece Fly Rod with Extra Tip and Tip Case.
- No. 4—One-piece Bait Casting Rod with Independent Handle.
- No. 5—One-piece Surf Casting Rod with Spring Butt.
- No. 6—One-piece Tarpon and Tuna Rod.

- No. 7—Two-piece Rod with Extra Tip and Independent Handle.
- No. 8—Two-piece Rod with Extra Tip for Trolling—Notice the forward grip above reel seat.
- No. 9—Three-piece Bass or Bait Rod with Extra Tip.
- No. 10—Three-piece Fly Rod with Extra Tip—"Well's Grip."
- No. 11—Combination Fly and Bait Casting Rod with Independent Handle and Tip Case.

HAWES' RODS

These rods have the reputation of being the finest made in the world. Mr. Hawes has devoted a lifetime study to the selection of material and the finest hand construction. For 28 years he was associated with his uncle, H. L. Leonard, and helped to build the world-wide reputation of Leonard Rods. His practical experience as a fisherman and expert tournament caster, together with his thorough knowledge of all features of rod-making, have enabled him to produce what we believe to be the best rod ever built. All Hawes' Rods are made from the very best six-strip bamboo. They are mounted with special grade of German silver and the water-proof ferrules are of the famous split design. The fly and salmon rods have steel snake guides and metal reel seats.

These rods are hand-made and the output is, therefore, limited. We urge you to *anticipate* your wants if you contemplate the purchase of a Hawes' Rod. If any style, length or weight of rod is desired, other than those listed, prices will be quoted.

HAWES' TROUT, BASS AND DRY FLY RODS

Three Pieces and Extra Tip with Bamboo Tip Case (See Cut 3)

These rods are quicker in action and more powerful for their weight than any other rod made. They are extremely resilient and have the strength to lift a long, heavy line from the water and cast true and steady under all conditions. Their balance is so perfect that they have the "hang" of much lighter rods.

- 3E4680 8 ft. long, wgt. about 3¾ oz. } Any length
- 3E4682 9 ft. long, wgt. about 4¾ oz. } ₤ \$35.00
- 3E4683 9½ ft. long, wgt. about 5½ oz. }
- 3E4684 10 ft. long, wgt. about 6 oz. }

We can furnish an independent handle on any of these rods at an extra cost of \$3.00.

Rods fitted with one agate guide and two agate tips extra \$3.00.

Extra Joints

Butt—\$13.00. Middle—\$9.50. Tip—\$6.25.

HAWES' "FEATHERWEIGHT" FLY RODS

Three Pieces and Extra Tip With Bamboo Tip Case (See Cut 3)

This rod is the most dainty piece of fishing tackle that the angler can hope to possess. The weight varies from 2 to 2¼ ozs. and fish have been taken on these rods up to 2 pounds.

These rods have open reel seats and English snake guides.

- 3E4689 Lengths vary from 7 to 8 ft., any length ₤ \$50.00

Extra Joints

Butt—\$19.00. Middle—\$14.00 Tip—\$8.50.

HAWES' DRY FLY AND TOURNAMENT RODS

Three Pieces and Extra Tip with Bamboo Tip Case (See Cut 3)

Mr. Hawes' personal experience in tournament casting has taught him what the tournament caster needs for record making. Unusual power and speed will be found in all his rods for this class of work. In dry fly fishing it is necessary to keep the fly in the air to keep it dry. Consequently, you need a powerful rod. For this style of fishing, Hawes' rods are particularly suited owing to their unusual retrieving power. The 4¾ to 5¾ ounce rods are the weights most generally used for dry fly fishing. They have solid cork grips, snake guides and metal reel seats.

Light Tournament Class

Special adapted to dry fly fishing.

- 3E4693 Length, 9 ft. Wgt., 4¾ oz. } Any length
- 3E4694 Length, 9½ ft. Wgt., 5¾ oz. } ₤ \$40.00
- 3E4695 Length, 10 ft. Wgt., 5¾ oz. }

Medium Tournament Class

Fine rods for swift water or large fish.

- 3E4696 Length, 10 ft. Wgt., 7¾ oz. } Either length
- 3E4697 Length, 10½ ft. Wgt., 8½ oz. } ₤ \$40.00

With one agate guide and two agate tips, extra \$3.00.

Rods With Extra Joints

Any of the above rods can be supplied with two middle joints and three tips at a total cost of \$58.00.

HAWES' SALMON RODS—Six-Strip Bamboo

Three Pieces and Extra Tip With Bamboo Tip Case (See Cut 2)

These rods are made in keeping with the American idea of lightness and greater comfort in casting. They are extremely powerful and have that beautiful balance and action which all Hawes' Rods possess to a marked degree. These rods are gaining popu-

larity every year for use on large salmon rivers and in the hands of an expert seem to have no difficulty in handling the largest fish.

- Length over all. Handle lengths. Weight
- 3E4703 13 ft. 20 -in. 16 to 17 oz... ₤ \$50.00
- 3E4704 14 ft. 20½-in. 18 to 20 oz... ₤ 50.00

Extra Joints

Butt—\$19.00. Middle—\$14.00. Tip—\$8.50.

TOURADIF RODS—Split Bamboo, Six-Strip

All our Touradif Rods are hand-made. The ferrules are water-proof and are of special grade German silver, hand-drawn. They are also tapered to a fine, flexible edge, where they join the wood, which makes it unnecessary to reduce the calibre of the wood where it joins the ferrules and, therefore, leaves the rod its full strength at this point. The hand grasps are of fine quality solid cork discs, through which the butt-joint runs completely to the butt-cap. This is the strongest possible form of butt-joint construction.

TOURADIF TROUT, BASS AND DRY FLY RODS

Three Pieces and Extra Tip With Bamboo Tip Case (See Cut 3)

The popularity of dry fly fishing and the peculiar balance and recovering qualities of Touradif Rods cause us to emphasize the particular fitness of these rods for dry fly fishing. These rods are quick in action and have a driving power, as well as a retrieving power, that handles the long line for dry fly fishing to perfection.

Mounted in German silver. Solid metal reel seat. Solid cork handle. English snake guides and water-proof ferrules.

Note—The rods will be supplied to order with cane wound or wood handle; any style grasp; with skeleton reel seat; with reel seat above handle and with standing or loose ring guides at the same prices as for the regular standard rod.

- 3E4748 Length 7½ ft. Wgt. 2½ to 3 oz.
- 3E4750 Length 8½ ft. Wgt. 3¾ to 4¼ oz.
- 3E4751 Length 9 ft. Wgt. 4¼ to 5¼ oz.
- 3E4752 Length 9½ ft. Wgt. 5¼ to 6½ oz.
- 3E4753 Length 10 ft. Wgt. 6½ to 7½ oz.
- 3E4754 Length 10½ ft. Wgt. 7½ to 8½ oz.
- 3E4755 Length 11 ft. Wgt. 8½ to 10 oz.

Any length \$25.00

Any of the above rods with independent handle \$5.00 extra.

Extra Joints

Butt—\$9.00. Middle—\$6.00. Tip—\$5.00.

TOURADIF PACK OR BELT FLY RODS

Six Pieces and Extra Tip—18 Inches Long

These little rods have been developed especially to meet the demand for a compact, handy rod which could be easily carried or packed in a small space. They are extremely quick and powerful and make splendid casting rods, and are daily becoming better known and more used. They will stand all sorts of rough usage and can be depended upon in every way. Length over all, 8¾ feet. Weight, 4½ to 5½ ounces. Put up in fine quality hand-made leather case, 19 inches long, with loop to carry on belt.

3E4774 Complete.....\$30.00

Special indestructible fibre cases, leather caps, for very rough packing, absolutely safe, fully described elsewhere.

TOURADIF COMBINATION RODS

Fly rod, bait casting rod and light trolling rod in one. Rod consists of independent reversible handle, with solid metal reel seat, one butt, one middle joint, two tips and one bait casting tip. Makes a fly rod 9½ ft. long, weighing about 5½ ozs., or a bait casting and trolling rod 5½ ft. long. Fly rod mounted with agate guide on butt and English snake guides on middle joint and tips. Bait casting rod mounted with agate guides throughout. See Cut 11.

3E4784 6-piece combination rod, complete \$35.00

3E4785 Fine hand-sewed leather carrying case 5.00

TOURADIF SALMON RODS

Three Pieces and Extra Tip (See Cut 2)

These rods are well known for easy handling and fine casting qualities. Their resiliency and driving power is so great it is easily possible to cast a very long line with far less effort than with the ordinary

rod. German silver mounted. Patent flexible water-proof ferrules. Patent locking reel band. Solid cork hand grasps.

- 3E4759 Length 13½ ft. Wgt. about 17 oz. } Any length
- 3E4760 Length 14½ ft. Wgt. about 20 oz. } \$45.00

Extra Joints

Butt—\$17.50. Middle—\$12.50. Tip—\$7.50.

TOURADIF LIGHT SALMON OR GRILSE RODS

Three Pieces and Extra Tip

Made in same style and fitted throughout like Touradif Salmon Rod.

- 3E4766 Length, 12½ ft. Wgt., about 14 oz. \$40.00
- Above rod with independent handle, \$5.00 extra.

Extra Joints

Butt—\$15.00. Middle—\$11.00. Tip—\$7.00.

TOURADIF GRILSE TOURIST RODS

Consist of independent double-grasp handle, with locking reel band. One butt, two middle joints and three tips. Especially desirable for tourists or for those taking long, hard trips, as the extra parts practically afford two rods. The action of these rods is particularly quick and snappy, and they are far more powerful than their length and weight would lead one to believe. Furnished with long single grasp handle if desired.

- 3E4770 Length, 11½ ft. Wgt., about 13 oz. \$55.00

TOURADIF BASS OR BAIT RODS

Three Pieces and Extra Tip (See Cut 9)

Suitable for general bait fishing and light trolling. Solid German silver reel seat with new style locking reel band. Waterproof, flexible ferrules. Fine rolled German silver Bell guides and German silver tip-tops. Solid cork grasp.

- 3E4779 Lengths, 5, 6, 6½, 7½, 8½ feet. Weights, 5 to 9 ozs. \$20.00

Mounted with new pattern narrow raised agate guides, finely polished, extra, 75 cents per guide.

Made with independent handle, to order, extra \$5.00.

TOURADIF BAIT CASTING RODS

These rods are perfection for casting from the reel. For general fishing we recommend the one-piece rod with one light and one heavy tip. Fitted with new model independent handle. Mounted with special pattern, narrow high-set agate guides and tip-tops. Regular length, 5, 5½, 6, 6½ feet. See Cut 4.

3E4775 One-piece rod \$25.00

3E4776 Two-piece rod 27.50

3E4777 One-piece rod and extra joint... 45.00

3E4778 Two-piece rod and extra joint... 50.00

TRITON FLY ROD—SPLIT BAMBOO, SIX STRIP

Three pieces and extra tip with bamboo tip case (see cut 3). Hand made and same type construction as the Touradif. Has steel snake guides, German silver angle top, ferrules and reel seat. This is an unusually powerful rod, will lift and cast a long line.

4E4292 8 feet; weight, 3½ to 4 ounces.

4E4293 8½ feet; weight, 3¾ to 4¼ ounces.

4E4294 9 feet; weight, 4¼ to 5¼ ounces.

4E4295 9½ feet; weight, 5¼ to 6½ ounces.

4E4296 10 feet; weight, 6½ to 7½ ounces.

Price, any length.....\$18.00

"BIC" TROUT AND BASS FLY RODS

Split Bamboo

Three Pieces and Extra Tip With Bamboo Tip Case (See Cut 3)

We are making a specialty of this rod to meet the demand for a fine hand-made rod at a medium price. In material, workmanship and action it is distinctly a rod of high grade.

The lines and dimensions are the same as our famous "Touradif" rods. Made of carefully selected bamboo, solid German silver mountings throughout. Patent flexible extension ferrules. Solid cork grasp. Open cedar reel seat. English snake guides.

3E4586 Lengths, 8, 8½, 9, 9½, 10 feet.
Weights, 3¼ to 7¼ ozs. ⚡ \$15.00

Extra Joints

Butt—\$5.50. Middle—\$4.50. Tip—\$3.00.

"BIC" PACK OR TRUNK FLY RODS

Split Bamboo

Made throughout like the Bic Trout rod, except that the joints are shorter for convenience in packing. Six pieces and extra tip, joints 19½ inches long. Length over all, 9 feet; weight, about 6 to 6½ ounces. Mountings same as regular Bic rods. In cloth partition bag.

3E4594 ⚡ \$18.00

"BIC" BASS OR BAIT RODS—Split Bamboo
Three Pieces and Extra Tip (See Cut 9)

These rods follow the same general dimensions of the "Touradif," and have plenty of power. They are strictly hand made and all mountings are of the best. Solid German silver reel seat above hand. Solid cork handle. Fine German silver extension ferrules. Rolled edge German silver trumpet guides and stirrup tip-tops.

3E4596 Lengths, 5, 5½, 6, 6½, 7½ feet.
Weights, 4½ to 6½ oz. ⚡ \$15.00

"BIC" BAIT CASTING RODS—Split Bamboo

Hand-made throughout, best German silver ferrules, narrow raised agate guides and offset tip top. It is a splendid rod in every respect, made in one and two pieces with independent handle. (See Cut 4.)

One-Piece Rods (See Cut 4)

3E4600 5 ft. Wgt. about 5¾ ozs. }
3E4601 5½ ft. Wgt. about 6¼ ozs. } Any Size
3E4602 6 ft. Wgt. about 6½ ozs. } ⚡ \$15.00

Two-Piece Rods (See Cut 1)

3E4603 5 ft. Wgt. about 6¾ ozs. }
3E4604 5½ ft. Wgt. about 6¾ ozs. } Any Size
3E4605 6 ft. Wgt. about 7 ozs. } ⚡ \$17.50

"DIVINE SPECIAL" FLY RODS

Split Bamboo for Trout

Three Pieces With Extra Tip (See Cut 10)

This rod is a six-strip Split Bamboo Rod. It is fitted with the Wells grip and serrated ferrules, imported snake guides, unless otherwise ordered.

3E4636 Lengths, 8, 9, 9½ ft. Weights, } Any length
4, 4½ ozs. } ⚡ \$19.00

NEFOUNDLAND SALMON ROD

Split Bamboo (See Cut 2)

Three pieces—one extra tip—double cork grip, 24 inches long, German silver mountings. English Snake guides—put up in partition cloth bag. This rod has a nice action and will meet the requirements of the angler who does not want to buy an expensive salmon rod, yet wants one that he can rely upon. 13 ft. long. Weight about 17 oz.

3E4740 ⚡ \$20.00

EMERALD BAMBOO FLY ROD

Green Finish (See Cut 3)

Three pieces and extra tip with bamboo tip case. A hand-made rod with a lot of bone; a good rod that looks good, feels good and is good. It's a good rod for dry fly fishing and equally as good for wet fly work.

Such a rod as this at the price is a very unusual offer. We have tried to produce for a moderate price a rod that in style and finish is the equal of any rod, and one that is similar in hang and action to the very best. We have succeeded beyond our expectations, and offer you a rod that is a wonder at its price.

Made from selected split bamboo stock, German Silver Mountings throughout, oxidized finished, open reel seat and steel snake guides. The grip is made of solid cork rings and the bamboo is finished dark green color, making a handsome rod. All made with reel seat below the hand.

3E4986 Lengths, 8, 9, 9½, 10 ft. Weights,
3¾ to 7 oz. ⚡ \$12.50

Extra Joints

Butt—\$5.00. Middle—\$4.00. Tip—\$2.75.

THE "CASSETTE" FLY ROD

Three Pieces and Extra Tip (See Cut 3)

Built on carefully designed dimensions, strong, powerful, with plenty of snap and action.

For those who desire a good, sound rod at a moderate price, we recommend this most highly and warrant it to give perfect satisfaction. Made from carefully selected Calcutta bamboo. German silver mounted throughout. Patent serrated ferrules. Solid metal reel seat. Solid cork grasp. English steel snake guides.

3E4568 Lengths, 8, 9, 9½, 10 ft. Weights,
3¾ to 6¼ ozs. ⚡ \$10.00

Extra Joints

Butt—\$4.00. Middle—\$3.00. Tip—\$2.00.

THE "CASSETTE" BASS OR BAIT ROD

Three Pieces and Extra Tip (See Cut 9)

Made of same material and quality of mountings. Cassette Fly Rod. German silver trumpet guides and stirrup tiptops.

3E4575 Lengths, 6, 6½, 7½, 8½ ft. Weights,
6 to 8½ ozs. ⚡ \$10.00

CASSETTE BASS ROD

8½ ft. long with reel seat below the hand—Greenwood Lake style—for strip casting.

3E4573 ⚡ \$10.00

TEMAGAMI SPLIT BAMBOO RODS

Three Pieces and Extra Tip

Six-strip bamboo, nickel mountings, cork grasp. This rod fully meets the demand for a popular-priced rod containing good material carefully put together. Fly rod has Snake Guides—bait rod, German Silver Spiral Guides.

Fly Rods (See Cut 3)

3E4580 9½ ft. Wgt. about 5 to 6 ozs. . . }
3E4581 8½ ft. Wgt. about 4½ to 5 ozs. . } ⚡ \$3.00

Bass or Bait Rods (See Cut 9)

3E4582 7½ ft. Wgt. about 7½ ozs. . . . }
3E4583 8½ ft. Wgt. about 8½ ozs. . . . } ⚡ \$3.00

\$1.25 SPLIT BAMBOO RODS

Three-piece and extra tip, nickel mountings and solid metal reel seat with cork grips. Fly rods have snake guides—bait rods have spiral guides.

4E4565 Fly rod, 8½ feet. }
4E4566 Fly rod, 9½ feet. } Any Style
4E4567 Bait rod, 8½ feet. } ⚡ \$1.25

OUR \$5.00 "YELLOWSTONE SPECIAL"
Three Pieces and Extra Tip

We offer no split bamboo rod at any price that will give you as much value, dollar for dollar, as an investment in our Yellowstone Special. It is a \$5.00 rod, which we alone make in all the popular lengths and weights. The material is selected split bamboo and the rods are built up of six parts in a most careful manner, so that we can guarantee them not to show defects in workmanship. We have sold thousands of these rods. To anyone taking up dry fly fishing for the first time who does not want to purchase an expensive outfit we recommend a 9 or 9½-foot Yellowstone Special as the most efficient rod that the money can produce. The rod is mounted throughout with German silver ferrules and solid metal reel seat. The handle is of solid cork. Put up on covered wood form in canvas sack.

Fly Rods (See Cut 3)

All fly rods have snake guides.

3E4376 Lengths, 8, 9, 9½, 10 ft. Weights, 4½ to 7 ozs. Ⓔ \$5.00

Bass or Bait Rods (See Cut 9)

All bait rods have German silver trumpet guides.

3E4373 Lengths, 5½, 6½, 7½, 8½. Weights, 5 to 7 ozs. Ⓔ \$5.00

Extra Joints

Butt—\$2.25. Middle—\$1.75. Tip—\$1.25.

YELLOWSTONE BASS ROD

8½ ft. long, with reel seat below the hand—Greenwood Lake style—for strip casting.

4E4372 Ⓔ \$5.50

KENNEBAGO TROLLING BAMBOO RODS

Two Pieces and Extra Tip (See Cut 8)

Heavy bass, trolling or light salt-water rod. Heavy welt ferrules and solid metal reel seat. Has double cane wound grips, trumpet guides and double hole tip tops. Nickel mountings. Length, 7 feet; weight, 11 to 12 ounces.

4E4579 Ⓔ \$5.50

"BEAVERKILL" GREENHEART RODS
Three Pieces and Extra Tip

Those who prefer a "wood" rod to Split Bamboo will find this a serviceable rod in every respect.

Hand made—German silver mounted—cork grasp, solid metal reel seats. Fly rods have snake guides. Bait rods have German silver trumpet guides and double cork grips. Put up on velvet-covered form in canvas bag.

Fly Rods

3E4531 9 ft. long. Wgt. about 6 ozs. }
3E4532 9½ ft. long. Wgt. about 6½ ozs. } Any Size
3E4533 10 ft. long. Wgt. about 7 ozs. } Ⓔ \$7.00

Bait Rods

3E4534 6½ ft. long. Wgt. about 6 ozs. }
3E4535 7½ ft. long. Wgt. about 7 ozs. } Any Size
3E4536 8½ ft. long. Wgt. about 8 ozs. } Ⓔ \$7.00

"CHAUTAUQUA" LANCEWOOD RODS
Three Pieces and Extra Tip

This is a good rod at a very low price. Its balance will be found superior to rods usually sold at so low a figure. It has none of the stiff, cumbersome action of cheap rods.

Nickel mountings. Solid reel seat. Cork grasp. Fly rods have snake guides; bait rods have spiral wire guides. Put up on flannel covered form in cloth bag.

Fly Rods

3E4541 8½ ft. long. Wgt. about 6½ ozs. }
3E4542 9½ ft. long. Wgt. about 7 ozs. } Any Size
3E4543 10 ft. long. Wgt. about 7½ ozs. } Ⓔ \$3.00

Bait Rods

3E4544 6½ ft. long. Wgt. about 6½ ozs. }
3E4545 7½ ft. long. Wgt. about 7½ ozs. } Any Size
3E4546 8½ ft. long. Wgt. about 9 ozs. } Ⓔ \$3.00

JOINTED CALCUTTA BAMBOO RODS
For Pond and River Fishing

Well seasoned, good stock—brass mountings—well varnished reel bands in muslin bag.

4E4549 4 joints, 16 ft. Ⓔ \$2.50
4E4550 3 joints, 12 ft. Ⓔ 2.00

BAIT CASTING RODS

"Kezar Special" Split Bamboo Rods—Two Pieces and Independent Butt—(See Cut 1)

A first-class bait-casting rod at a popular price. The design is excellent, the balance perfect, and the action quick and lively. Made from extra grade of split bamboo—six strip. Solid metal reel seat. All fittings of fine German silver. Mounted with high set narrow agate casting guides and offset agate top. Solid cork grasp. Closely wound with black silk and finished with best varnish.

3E4556 Lengths, 5, 5½, 6 ft. Ⓔ \$10.00

YELLOWSTONE SPECIAL

Two pieces and extra tip.

Split bamboo, full German silver mountings. Tips four inches longer than butt joint. Raised ring casting guides, offset tops and finger hook.

4E4771 5½ ft. light for ¼ or ½ oz. baits Ⓔ \$6.00

4E4772 5½ ft. heavy for ¾ to 1 oz. baits Ⓔ 6.00

"DELAWARE" LANCEWOOD RODS

Two-piece and extra tip. Made from Cuban Lancewood. Double grip, wound with mottled cord. Full nickel-plated mountings; solid metal reel seat; finger hook; improved ferrules, welted; large two ring guides and large casting tops closely wound with silk.

3E4553 Lengths, 5½ and 6 feet. Ⓔ \$3.00

HEDDON'S MODEL No. 6—Bamboo

Two pieces and extra tip. Has a double rolled cork grip; nickel mountings; locking reel band; one tip with agate first guide and agate tip top and the other file-proof metal guides.

4E4920 5 or 5½ ft. Ⓔ \$7.50

HEDDON—No. 1½ RODS—Split Bamboo

Two-piece style. Split bamboo tip, solid wood butt with maple handle. Nickel reel seat and finger hook. Wrapped with silk windings in two colors. In partitioned cloth bag. Length, 5 feet; weight, 6½ ozs.

4E4564 Ⓔ \$2.00

"CHAMPLAIN" PACK RODS
Four Pieces Split Bamboo

Split bamboo, nickel mountings, cork grip, large two ring guides, and tops, wound with silk and well varnished. Four pieces and extra tip.

4E4562 Lengths, 5½ and 6 feet. Ⓔ \$3.00

RUBBER BUTT PADS

When playing fish, butt can be rested steadily against the body in any position.

3E3435 Small Ⓔ \$.25
3E3436 Medium . . . Ⓔ .40
3E3437 Large Ⓔ .50



COMBINATION RODS

DIVINE TRAVELLING MEN'S FRIEND

This rod is the perfection of a trunk rod, making six distinct rods. It is composed of nine joints, 17 inches long, with reversible butt.

(1) Take six joints, together with the butt, make a 9-foot Fly Rod, weighing 7 to 8 ozs.

(2) Remove the lower joint and use the reducing ferrule and you have a 7½-foot light Fly Rod, weighing 4½ to 5 ozs.

(3) Remove the two upper joints and put in the lighter of the two Bass tips, and you have a 6½-foot Bass Casting Rod, weighing 5 to 6½ ozs.

(4) Add to this the first joint and you have a 7½-foot Bass Rod, weighing 7 to 8 ozs.

(5) Remove the two upper joints and put in the heavy Bass tip, and you have a 6½-foot heavy Bass or light Trolling Rod, weighing 6 to 7 ozs.

(6) Remove lower joint and use the reducing ferrule, you have a 4¾-foot stiff Bass or light Trolling Rod, weighing 5 to 6 ozs.

The Butt is reversible, so you can have Reel above or below the hand, on any of the Rods. This makes a combination of six good practical Rods in one.

- 3E4646 Split Bamboo.....**Ⓔ** \$20.00
- 3E4647 Bethabarra**Ⓔ** 15.00
- 3E4648 Lancewood**Ⓔ** 10.00

"WYOMING" PACK FLY OR BAIT ROD
Split Bamboo

Selected Calcutta bamboo, six-strip; full nickel plated mountings, cork grasp, welted ferrules, metal reel seat. Strongly made for hard service. Consists of six pieces, with extra tip; enclosed in cloth sack.

- | | | | |
|--------|--------------------------------|---|---------------------------------|
| | Fly Rods | } | Either style
Ⓔ \$7.50 |
| | Bait Rod | | |
| 4E4607 | 8½ ft. long. Wgt. about 8 ozs. | | |
| 4E4609 | 7½ ft. long. Wgt. about 6 ozs. | | |

TOURADIFF COMBINATION ROD

(See page 88)

BIC PACK OR TRUNK FLY ROD

(See page 89)

"CANOE" COMBINATION ROD

Split Bamboo

This makes a three-piece 9½-foot fly rod, weighing 6¾ ounces, with an extra tip, or a 5½-foot, two-piece rod, weighing 6 ounces, for bait casting or trolling. Made of split bamboo with a reversible cork grip. Nickel mountings, solid metal reel, and snake guides, wound with silk and well varnished. Put up on covered wood form and canvas bag.

- 3E4610**Ⓔ** \$6.50

SIX IN ONE ROD

Consists of five 25-in. Cuban white Lancewood joints, nickel mountings, snake guides and independent reversible butt with cork grasp. Can be made into three kinds of rod with reel below the handle and by reversing the butt three with the reel above.

Makes a fly rod 7½ or 9 feet, or four styles of bait rod, 5, 7½ or 9 feet in length.

- 4E4612 In cloth bag.....**Ⓔ** \$4.00

POCKET COMBINATION FLY AND BAIT ROD

Split Bamboo

The "handy man" of the rod family. A convenient and serviceable little rod for mountain tramps, bicycle trips, or when packing through a rough country. Well made of good materials. Split bamboo, six-strip, nickel mountings. "Snake" guides, cork grasp, metal reel seat. Seven pieces and reversible butt. Length of joints, 13 inches. Makes a 7-foot fly rod weighing 4¾ ozs., or a 5-foot bait rod weighing 5 ozs.

- 4E4611**Ⓔ** \$4.50

SALT WATER RODS

There has been such wide-spread interest in contests for salt water fish and standardization of tackle to meet the regulations of fishing clubs, that we have made a number of rods to comply with these regulation standards.

The "West Coast," "Tampico," "Sanibel," "California," "Light Tackle" and "Three-Six" Rods, which are fully described on the following pages, are now made for club competition.

In the manufacture of these rods, it is impossible to get them to weigh exact, although they fluctuate but a trifle. If you intend to enter competition, please so specify and we will select a rod for you to meet exact regulations.

THE "WEST COAST" ROD

For Tuna, Tarpon and Surf Casting—Double-Built Bamboo (See Cut 6)

Made to meet regulations of Tuna Class. For use with line not over standard 24 thread.

These rods are as light, stiff and powerful as it is possible to make. When used for surf casting, for which they are finely adapted, their springy action and great casting power lend an added charm to this interesting sport. These rods are all double built—that is, one rod is built on top of another.

A rod of this style has nearly twice the strength of the ordinary rod of the same size and weight. Extra heavy German silver mountings throughout. Hand-drawn, hard-tempered ferrules. Extra heavy solid reel seat. New-pattern locking reel band, which locks the reel firmly to the plate in such manner that it cannot possibly work loose. Mounted with double agate guides. Cane wound double grasp. Made in one piece with independent handle.

Length of tips, 5 ft. 4 in., 6 in. and 8 in.; weight, 10 to 15 ounces; length of butt, 20 inches; weight, 13 ozs.

- 3E4488 Butt with one tip.....**Ⓔ** \$25.00
- 3E4489 Butt with two tips.....**Ⓔ** 45.00

These rods will be supplied with spring butt of any length at the same prices. Any other lengths and weights can be supplied to order.

"LIGHT TACKLE"

For Tarpon, Tuna, Barracuda and Yellowtail "Light Tackle" Split Bamboo Rods (See Cut 6)

Made to meet regulations of Light Tackle Class.

For use with standard 9-thread line. Made of selected bamboo, German silver mountings throughout, agate first guide and top, cane wound grasps on butt and tip. Length of tip when seated, 5 feet; weight of tip, 6 ounces; length of butt, 14 inches.

- 3E4499 One butt and one tip.....**Ⓔ** \$12.00
- 3E4500 One butt and two tips.....**Ⓔ** 20.00
- 3E4501 Tips only.....**Ⓔ** 9.00

"THREE-SIX"

Split Bamboo Rods (See Cut 6)

Made to meet the regulations of the Three-Six Class.

For use with standard 6-thread line. Made of selected bamboo, German silver mountings throughout, agate first guide and top, cane wound grasps on butt and tip. Length of tip when seated, 5 feet; length of butt, 12 inches; weight of rod, 6 ounces.

- 3E4502 One butt and one tip.....**Ⓔ** \$12.00
- 3E4503 One butt and two tips.....**Ⓔ** 20.00
- 3E4504 Tips only.....**Ⓔ** 9.00

Note—Both the "Light Tackle" and "Three-Six" Rods are splendid for Weakfish.

"CALIFORNIA" (See Cut 6)

Made to meet the regulations of the TUNA CLASS.

Made of selected bamboo, German silver mountings throughout, agate first guide and top, cane wound grasps on butt and tip. Length of tip when seated, 5¼ feet; weight of tip, 13½ to 16 ounces; length of butt, 20 inches.

- 3E4496 One butt and one tip.....**Ⓔ \$15.00**
- 3E4497 One butt and two tips.....**Ⓔ 25.00**
- 3E4498 Tips only.....**Ⓔ 12.00**

We can supply this rod with any length spring butt at the same prices.

"SANIBEL" HICKORY RODS

For Tarpon, Tuna or Surf Fishing (See Cut 6)

Made to meet the regulations of the Tuna Class. Hand made of the finest quality second growth hickory. They are thoroughly made and are practically unbreakable. Extra heavy hand drawn German silver ferrules and mountings. Double agate guides and tip-top of special pattern. Double cord wound hand grasps. Made in one piece, independent handle. Length of tip, when seated, 5½ feet, weight of tip, 14 ozs.; length of butt, 19 inches; weight of butt, 9 ozs.

- 3E4505 Butt with one tip.....**Ⓔ \$12.00**
- 3E4506 Butt with two tips.....**Ⓔ 20.00**

With any length spring butt at the same prices.

THE "TAMPICO" ROD

For Tuna, Tarpon and Surf Casting—Greenheart (See Cut 6)

Hand made from the finest quality of carefully selected straight grained greenheart, hand riven and free from knots. Extra heavy German silver mountings throughout. Hand-drawn, hard-tempered ferrules. Made in one-piece tip with connection at reel plate. Heavy solid metal reel seat with new locking reel band. Mounted with special pattern agate double guides and agate top—5 in all. Cane wound double grasp. These are splendid rods in every way, and for those who prefer the solid wood to the split cane rod nothing better or finer can be devised.

Length of tips, 5 feet, 4 in., 6 in., and 8 in.; weight, 10 to 15 ounces; length of butt, 20 inches, weight, 13 ounces.

- 3E4490 Butt with one tip, agate guides...**Ⓔ \$15.00**
- 3E4491 Butt with two tips, agate guides...**Ⓔ 25.00**
- 3E4494 Extra tips.....**Ⓔ 12.00**

With any length spring butt at the same prices. Any other lengths and weights can be supplied to order.

BAHAMA COMBINATION RODS—Greenheart

Solid German silver mountings, agate first guides and top double trumpet guides. Has two tips and two joints with detachable cord wound butt. Makes two good rods for bay and ocean fishing in one.

- 4E4521 In partition bag.....**Ⓔ \$10.00**

HANDY REEL SEAT



- 4E4921 Will fit any rod—just the thing for Calcutta or Japanese poles—each **Ⓔ \$.20**

"VENGACA" SPLIT BAMBOO RODS

See Cut 8.

Here is a good, sound rod for general sea fishing at a popular price. Made from a high grade of split bamboo, carefully finished, well modeled and very strong. Mounted throughout with German silver. Solid metal reel-seat and extra heavy ferrules. Cane wound double grasp handle. German silver double trumpet guides and solid tops. Made in two-piece model with extra tip. Length over all, 7 feet.

- 4E4507 22 oz.**Ⓔ \$10.00**
- 4E4516 16 oz.**Ⓔ 10.00**

"SEABRIGHT" LIGHT SALT WATER RODS
Greenheart—(See Cut 8)

Best quality hand riven greenheart, finished in the most careful manner throughout. Heavy German silver mountings. Extra heavy hand drawn reinforced ferrules. Double trumpet guides and solid tip-top. Double cane wound hand grasps. A thoroughly reliable rod in every way and warranted to give satisfaction. Two-piece and extra tip. Length, 6¾ feet. Weight, 14 ounces.

- 3E4508**Ⓔ \$7.50**

"JAMAICA" WEAKEFISH RODS—Greenheart
Two Pieces and Extra Tips—Detachable Butt (See Cut 7)

A good, all round boat rod, very popular with the Weakfish fisherman.

Made of selected Greenheart; German silver mountings; two piece, extra tip, and detachable cord wound butt. Double trumpet guides. Length, 6 feet. In Cloth Partitioned Bag.

- 3E4510**Ⓔ \$5.00**

"HIGHLANDS" WEAKEFISH ROD—
Lancewood

Two-piece rod with double cord wound grasps. Double German silver trumpet guides and tube top. Heavy German silver mountings throughout. One of the best rods that can be bought at the price. Put up in cloth bag. Length, 6 feet. Weight about 10 oz.

- 3E4511**Ⓔ \$3.50**

"ATLANTIC" COD OR BANK ROD

Two-piece Cod or Bank Rod, all ash, brass ferrules and reel seat, length 5 feet, weight 20 ounces.

- 4E4517**Ⓔ \$1.50**

COMBINATION ROD

(An all-round rod for deep sea fishing, also used for trolling and surf fishing)

Cuban lancewood, full nickel mountings, solid reel-seat, enamel grip, welted ferrules, double guides and tops. Makes a 3-piece rod 8 feet long, weight about 24 ounces, or 2-piece 5½ feet, extra stiff rod. Weight, about 18 ounces.

- 3E4514**Ⓔ \$2.50**

"TAURUS" COD OR BANK ROD

Two-piece Lancewood tip, nickel mountings, cord wound, ash butt, length 5 feet, weight 21 ounces.

- 4E4515**Ⓔ \$2.50**

RUBBER ROD GRIPS

Can be easily slipped on rods over ordinary guides.

- 3E3440 Length, 2¾ inches ...**Ⓔ \$.50**



TARPON ROD GRIP.

Similar to above, 5 inches long and large enough to put on tarpon and tuna rods.

- 4E4995**Ⓔ \$.50**

BRISTOL ADJUSTABLE TELESCOPIC RODS

These rods can be adjusted to any length and can be taken apart as easily as a jointed rod. The joints are locked in place by a very ingenious arrangement of the guides which are interchangeable.

Model 35 Bait Rod

Length, 9 feet, joints, 25½ inches. When telescoped, the whole rod is only 29 inches long. Handle mountings nickel, trimmed with two-ring German silver tie guides and German silver three-ring top. Has cork reversible handle.

3E4420 ₤ \$4.60

Model 37 Bait Casting Rod

Length, 6 feet, joints, 18¼ inches. When tele-

scoped, the whole rod is only 23 inches long. Short cork grip with patent detachable finger hook, large German silver improved casting guides and solid agate top.

3E4421 ₤ \$5.75
 3E4422 The same rod fitted with all agate casting guides and top..... ₤ 7.75

Model 38 Fly Rod

Length, 9 feet, joints, 27 inches. When telescoped whole rod is only 31 inches. Trimmed with two-ring German silver tie guides and German silver one-ring fly top. Has cork handle.

3E4423 ₤ \$4.60

BRISTOL FLY RODS

Three Joints With Independent Handle

3E4388 **Model 29.** Cork handle with locking reel band, fitted with snake guides and one ring top. One length only—8½ feet..... ₤ \$5.75

3E4389 **Model 8.** Nickel mountings, 2 ring guides. Length, 10 ft. With maple handle ₤ 3.80

3E4390 **Model 8.** With cork handle..... ₤ 4.60

3E4391 **Model 9.** German silver mountings. Drop ring guides. Length, 9½ feet. Cork or celluloid handle..... ₤ 5.75

3E4392 **Model 14.** Mounted same as Model 9. Length, 8½ feet. Cork or celluloid handle ₤ 5.75

3E4393 **Model 16.** Nickel Mountings. Drop ring guides. Length, 9 feet. With maple handle..... ₤ 3.80

3E4394 **Model 16.** With cork handle... ₤ 4.60

BRISTOL BAIT RODS

Three Joints With Independent Handle

German silver two-ring guides and three-ring tips. Nickel mountings.

3E4399 With maple handle, any model... ₤ \$3.80

3E4400 With celluloid handle, any model ₤ 4.20

3E4401 With cork handle, any model... ₤ 4.60

3E4402 With celluloid double grip, any model ₤ 5.00

3E4403 With cork reversible handle, any model ₤ 5.50

Made in lengths 10 ft., 8½ ft., 7½ ft., 6½ ft., 6 ft., 5½ ft., 5 ft.

Give order number and length when ordering.

BRISTOL BAIT CASTING RODS

Three Joints With Independent Handle

Model 27. Detachable finger hook. Raised agate guides and offset agate tip. Cork handle only.

3E4406 4½ ft., 5 ft., 5½ ft..... ₤ \$9.20

Model 25. Extra large German silver two-ring guides. Solid agate tip. Short handle with reel-seat close to grip. Detachable finger hook. Cork handle only.

3E4409 5, 5½ and 6 feet..... ₤ \$5.85

Model 28—Extra Light

Weight only 5 ozs. Fitted with three improved casting guides and special light offset agate casting top. Cork handle with locking reel band.

3E4414 5 and 5½ feet..... ₤ \$6.75

Model 33

This is the finest and best finished Bristol rod, weight only 8 ounces. Fitted with three narrow agate casting guides and a special design light agate offset top. Double grip cork handle 12½ inches long, with detachable finger hook. Handle mountings finished in French grey on nickel.

3E4416 4½, 5, 5½ and 6 feet..... ₤ \$10.00

BRISTOL MUSCALLONGE ROD

Nickel mountings. German silver trumpet guides and double-hole tip. Two joints and handle.

Model 21. Length, 7½ ft., joints, 38 in.

Model 22. Length, 6½ ft., joints, 32 in.

3E4424 Either model with celluloid long or double grip handle..... ₤ \$5.65



3E4425 Either model with agate first guide and solid agate tip..... ₤ \$7.00

BRISTOL TROLLING TIP

To shorten and stiffen rods for trolling, etc. Length, 9 inches.

3E4428 Length, 9 inches. Regular guides. ₤ \$1.00

3E4429 Same. Agate tip..... ₤ 1.75

BRISTOL EMERGENCY TOP

3E4430 Two inches long..... ₤ \$.20

"LUCKIE" STEEL RODS

These are made by the Horton Manufacturing Company and are not guaranteed. All styles finished in brown enamel.

Fly Rods

Three joints and independent cork handle. Two-ring guides. Lengths, 8, 9, 10 feet.

3E4479 Any length ₤ \$1.50

Trunk Fly Rods

3E4480 **Model 909.** 9 feet. Has 6 joints 17¼ inches, with independent cork butt, nickel mountings, two-ring guides. Weight, 8½ oz..... ₤ 3.50

Bait Trunk Rod

3E4481 **Model 907.** Same as Model 909 with reel seat above the hand, 7 ft. 8 inches long. Weight, 9½ ozs.... ₤ 3.50

Bait Rods

Three joints and independent cork handle. Two-ring guides. Lengths, 5, 5½, 6, 7, 8, 10 feet.

3E4482 Any length ₤ \$1.50

Bait Casting Rods

Large casting guides and stirrup tips. Lengths, 4½, 5, 5½, 6 feet.

3E4483 Regular model, any length..... ₤ \$2.00

3E4484 With agate first guide and agate tip ₤ 2.75

3E4485 With three agate casting guides and agate tip ₤ 3.60

Trolling Tips

3E4486 Nine inches long. Regular guides ₤ \$.45

3E4487 Same with agate tip..... ₤ .85

ABERCROMBIE & FITCH STEEL RODS

Guaranteed

From tip to butt, the finish and material is the best employed. The steel is of extra fine quality—tempered so as to give it the greatest strength and resiliency—all the rods have independent solid cork grip handles (Model 3E4442, bait casting excepted) with patent locking reel bands, which cannot become loose, and is very easy to operate. The reel seats are heavy nickel plated and six coats of black enamel are baked one after another, making them very handsome rods.

Fly Rods. Have three pieces— independent handle with patent reel seat below the hand—snake guide, ring top.
 3E4431 Length, 9 feet.....**Ⓔ \$4.50**
 3E4432 Length, 10 feet.....**Ⓔ 4.50**



Trunk Fly Rod—Same style as above—17¾ inches, length 9 feet. **Ⓔ \$7.50**

Bass Rods have three pieces, independent handles with patent locking reel bands, reel seat above the hand, genuine agate first guide and agate tops, balance of guides of the best quality German silver trumpet shape.



3E4433 Lengths, 6½, 7½, 8½ and 10 feet **Ⓔ \$6.00**

guides are two-ring type and they have the three-ring top.

3E4437 Lengths, 6½, 7½, 8½ and 10 feet **Ⓔ \$4.00**

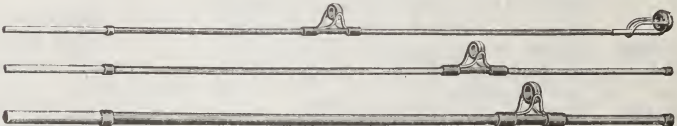
Trunk Bass Rod, same style as 3E4433, joints 17¾ inches long.

3E4441 Length, 7½ feet.....**Ⓔ \$7.50**

Bass Rods. The same as above, except the

Bait Casting Rod, 3 pieces, independent handles with finger hook, large ring guides and agate top.

3E4442 Lengths, 5 ft., 5½ ft., 6 ft.**Ⓔ \$5.75**



4E4512 With agate first guides **Ⓔ \$6.75**

4E4513 With agate guides..**Ⓔ \$9.00**

Trolling Tips for A. & F. Rods. 9 in.

3E4445 With three-ring top.....**Ⓔ \$.85**

3E4446 Trolling tip with agate top.....**Ⓔ \$1.50**

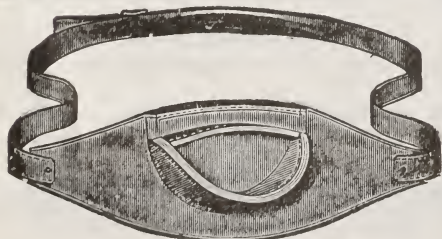


A. & F. LEATHER BUTT REST (Adjustable)

Made of our best grade heavy leather and hand sewed with strongest waxed thread. Built throughout for hard service. The fact that the user can wear any kind of belt and adjust the cup to any desired height makes this Rest exceptionally handy for surf casters. Has leather thong for the purpose of tying to leg. By removing the strap this Rest can also be used on the seat of boat or canoe, in which case it should be fastened by two small screws.

3E3438**Ⓔ \$1.75**

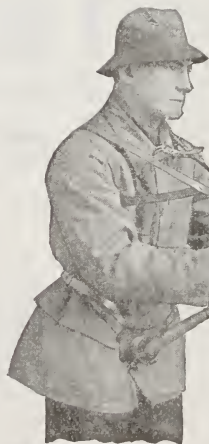
LEATHER BUTT RESTS



A great aid in heavy fishing of all kinds. Made of best quality Russet leather, with heavy sole leather cup to hold butt of rod.

3E3439**Ⓔ \$2.25**

ROD HARNESS



This harness is designed to relieve the strain from the arms when playing large fish—by the use of a strong snap hook which catches in the ring of the grip above the reel, the rod can be freed from the harness

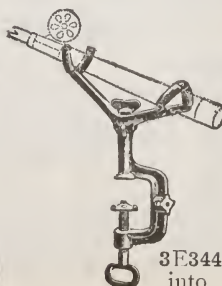
for convenience in casting—the forward grip is laced to the rod and the harness can be adjusted to the body—made of fine quality leather. When ordering give chest measurement.

3E3521**Ⓔ \$3.50**
 3E3439 Butt rest, extra.....**Ⓔ 2.25**

ROD HOLDERS

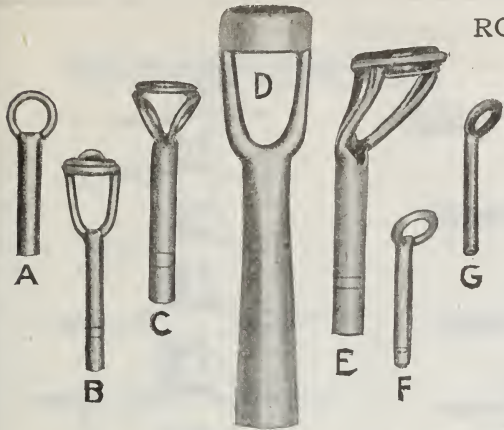
Indispensable for trolling or when still fishing with more than one rod.

3E3441 Adjustable anywhere and in any position. Strongly made and well tinned to prevent rust. Holds the rod securely and rod may be set in rest or removed instantly **Ⓔ \$.75**



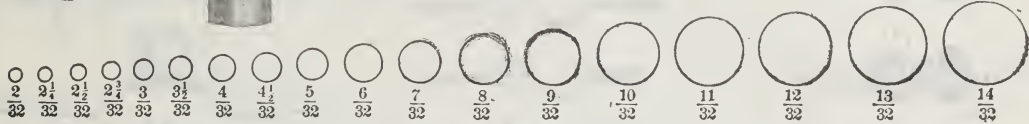
3E3442 Arm rests only. To screw into seat gunwale.....**Ⓔ \$.50**

ROD TOPS



Fishermen have heretofore experienced considerable difficulty in ordering the right size of tip top. To make selection and ordering easy we have made the following diagram showing the complete graduation of sizes in which tops are made. The illustration shows from the smallest size, which is 2-32 of an inch in diameter (Size 2) up to 14-32 of an inch (Size 14) which is the largest size regularly made. In ordering any style of top refer to this diagram to select your size. The top figure in the fraction is our size number.

Notice—If you have any difficulty in measuring your size there is *one sure way* of getting it right—whittle a piece of wood the size of your tip, send it in with your order and we will fit a top to it.



STYLE "A"—NICKEL FLY RING TOPS

Carried regularly in sizes 2, 2 1/2, 3, 3 1/2, 4, 4 1/2.

4E4665 Any of the above sizes.....Each \$.05

STYLE "B"—PLAIN STIRRUP GERMAN SILVER TOPS—Without Agate

3E4670 Sizes 2, 2 1/2, 3, 3 1/2, 4.....Each \$.15
 3E4671 Sizes 4 1/2 and 5.....Each \$.20
 3E4672 Sizes 6, 7, 8, 9, 10, 11.....Each \$.25
 3E4673 Sizes 12, 13, 14.....Each \$.30

STYLE "C"—GERMAN SILVER THREE RING TOPS

Carried regularly in sizes 2, 2 1/2, 3, 3 1/2, 4, 4 1/2, 5 and 6.

3E4668 Any of the above sizes.....Each \$.05

STYLE "D"—STIRRUP AGATE TOPS GERMAN SILVER

Carried in sizes 4 1/2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14.

3E4674 Any of the above sizes.....Each \$.75

SPECIAL STIRRUP AGATE TOPS

For surf casting, etc. Made with a wider spread in the stirrup and a much larger top ring necessitating a large agate. In other respects same as Style "D." Carried regularly in sizes 4 1/2, 5, 6, 7, 8, 9, 10, 11, 12, 13 and 14.

3E4675 Any of the above sizes.....Each \$1.00

STYLE "E"—OFFSET AGATE TOPS

Carried in sizes 2 1/4, 2 1/2, 2 3/4, 3, 3 1/2, 4, 5, 6, 7 and 9.

3E4669 Any of the above sizes.....Each \$.75

STYLE "F"—GERMAN SILVER ANGLE TOPS

Carried regularly in sizes 2, 2 1/2, 3, 3 1/2, 4, 4 1/2.

4E4666 Any of the above sizes.....Each \$.15

STYLE "G"—LIGHT AGATE FLY TOPS

Carried in sizes 2, 2 1/4, 2 1/2, 2 3/4, 3, 3 1/2, 4, 4 1/2, 5 and 6.

4E4667 Any of the above sizes.....Each \$.75

Ferrule Cement

3E3559 Dodge's, the best. In 1-ounce tubes.....Each \$.25

Winding Silk

3E3560 Best Italian silk. 50-yard spools. Black, white, red, yellow or green.....Each \$.05

Touradif Rod Varnish

This varnish is for jobs that want to be done over night. Thin with alcohol. Also very good for snelling hooks, etc. Put up in two-ounce screw-top tin cans.

3E3239.....Each \$.25

Touradif Waterproof Rod Varnish

Dries free from dust in two hours—will not turn white or crack when exposed to the actions of fresh or salt water. Put up in two-ounce screw-top tin cans.

3E3240.....Each \$.25

Silk Color Preservative

To use on silk windings before varnishing.

3E3241.....Each \$.15

Camel's Hair Brushes

For varnishing rods—genuine camels' hair.

3E3244.....Each \$.15

Ferrule Grease

Made especially for greasing and lubricating ferrules and reel seats. Positively prevents pitting and corrosion of all metals. Put up in 1 ounce friction-top tins.

3E3539.....Each \$.20

BABY GIANT SCALE

Weight from 5 to 350 lbs. Size 5 1/4 in. long, 4 in. wide with heavy hooks and rings, brass dial.

4E3305.....Each \$.85

FINEST QUALITY ENGLISH SCALES



4E3522 Weighs 5 lbs. in ounces.....Each \$2.75

4E3523 Weighs 12 lbs. in quarter lbs.....Each 2.00

4E3524 Weighs 20 lbs. in quarter lbs.....Each 2.75

4E3525 Brass. Reads in slots. 60 lbs. by 1/2 lb.Each 3.50

STANDARD SCALES

4E3526 Weighs 10 lbs. by 1/4 lb.....Each \$1.20

4E3527 Weighs 25 lbs. by 1/4 lb.....Each 2.50

NOVELTY SCALES

4E3528 Weighs 15 lbs. by 1/4 lb.....Each \$.30

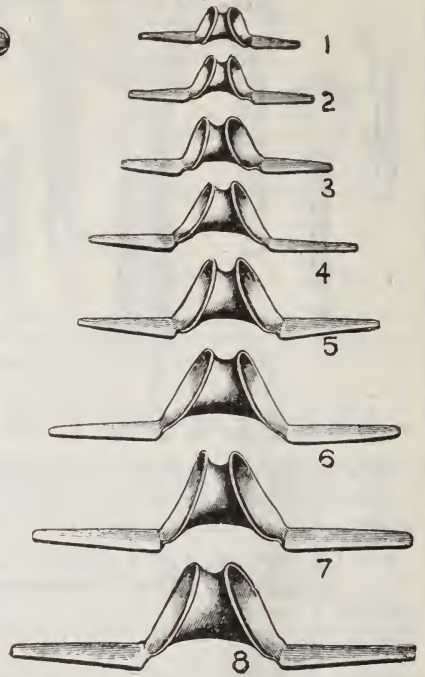
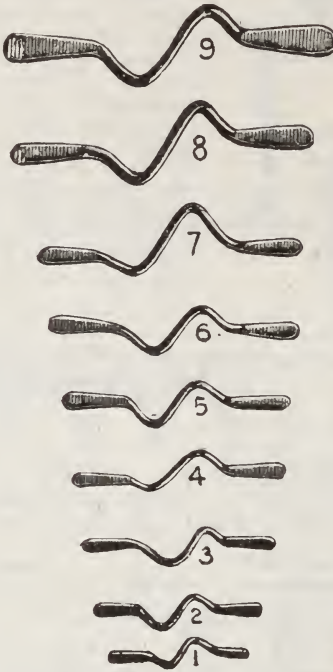
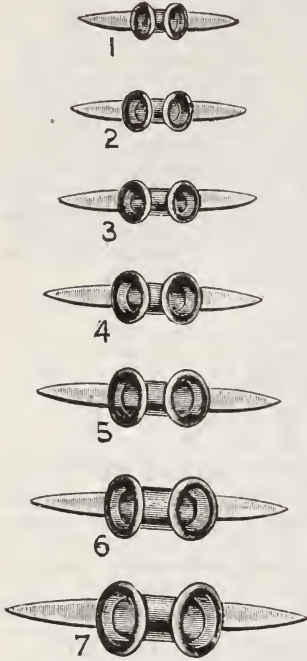
"VEST POCKET" SCALES

American make, after the pattern of English scales. Fine quality and accurate. Polish brass with steel hook and ring.

3E3529 Length, 3 3/8 inches. Weighs 2 lbs. by ozs.....Each \$1.25

ROD GUIDES OR RUNNERS

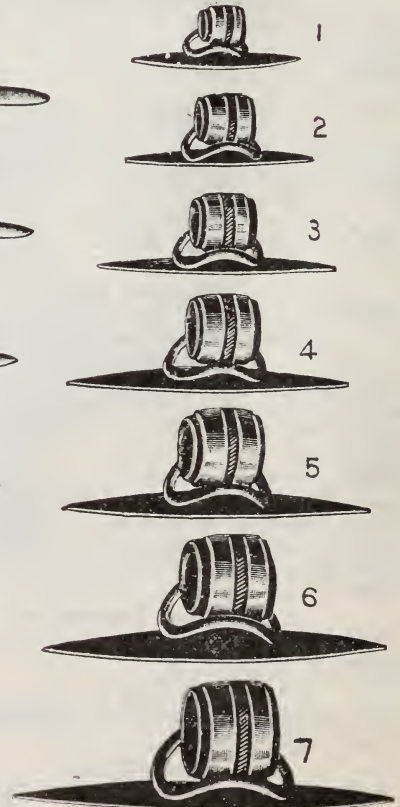
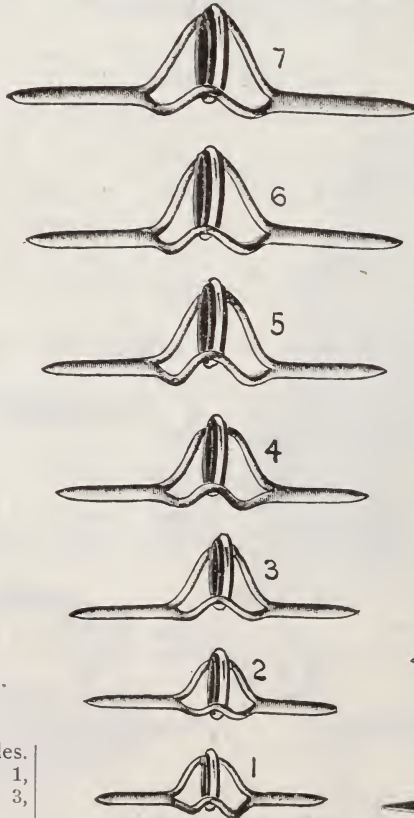
We handle but one grade—the best we can buy. All agates are genuine



4E4721 German Silver Trumpet Guides, any size. Doz. ⌘ \$.90

3E4722 Steel Snake Guides, any size. Doz. ⌘ \$.15

4E4723 German Silver Bell Guides, any size. Doz. ⌘ \$1.80



Improved Casting Guides. Solid German Silver. No. 1, small; No. 2, medium; No. 3, large.

4E4997 Each \$.10
4E4724 Dozen ⌘ 1.00

4E4725 Narrow Agate Guides, any size. Each ⌘ \$.75

4E4726 Flat Agate Guides, any size. Each ⌘ \$.75

Illustrations Show Actual Sizes

EXPRESS ROD CASES



Leather covered, stiffened tubing, strong enough to ship by express. Flannel lined with double bottom and solid leather cap end. Leather handle. Rods used in estimating capacity are regular bait and fly rods packed on wooden forms.

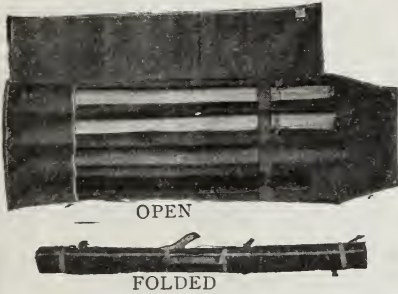
- 4E3511 40 in. long, 3 in. dia., capacity 3 rods \$7.00
- 4E3512 40 in. long, 4 in. dia., capacity 4 rods 8.00
- 4E3513 40 in. long, 5 in. dia., capacity 6 rods 9.00
- 4E3514 44 in. long, 3 in. dia., capacity 3 rods 7.50
- 4E3515 44 in. long, 4 in. dia., capacity 4 rods 8.50
- 4E3733 44 in. long, 5 in. dia., capacity 6 rods 9.50
- 4E3734 For salmon rods, size 4x60 in. \$11.25
- 4E3735 For salmon rods, size 5x60 in. 12.25
- 4E3762 For salmon rods, size 4x66 in. 13.50
- 4E3764 For tarpon rods, 5x72 in. 14.50
- Fitted with padlock, extra.75

ROD TRUNKS

Wood frames, canvas covered, iron bound and painted. Two hasp locks, iron dowel, brass safety lock. Best case for shipping tarpon and tuna rods.

- 4E3516 Length, 75 inches. Width, 5 inches. Depth, 6 inches. \$12.00

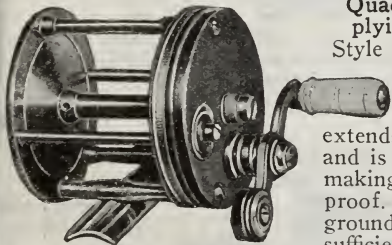
FOLDING ROD CASE



This convenient little case carries four rods and rolls up snug and compact. Made of strong waterproof Pantasote, tied with tapes and has leather handle. A most excellent means for carrying several rods and landing net.

- 3E3520 \$2.50
- Case fitted with sling strap for carrying on shoulder. 3.50

TALBOT REELS



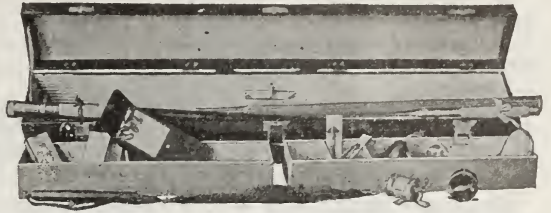
Quadruple Multiplying—
Style 53. The finest bait casting reel made. The stud extends through plate and is double capped, making gears dust-proof. It is hollow ground and will hold sufficient oil for several months use.

The pinion bearings are constructed with a recess which will also hold oil for a like time. Has new style spiral and non-friction gears. Very sensitive and easy running. Has no oil caps. Bearings set in sapphire jewels. Made of tested German silver and aluminum. Diameter of end plates, 2 inches. Length of spool, 1½ inches. Capacity, 80 to 100 yards of fine casting line.

- 3E3100 With either German silver or aluminum spool and handle. \$50.00

"PREMIER"—Quadruple Multiplying Reel
Made of best quality German silver. Ivory grasp.

COMBINATION ROD AND TACKLE CASE



Length, inside measurements, 42½ in.; body, 4¾ in. deep; cover, 1 in. deep; width, 5⅝ in. Made of three-ply basswood, veneer covered, with heavy enameled black duck. Corners and bottom reinforced with metal clamps. Two trunk clasps and clasp lock. Two metal tackle trays cover a space large enough for three ordinary rods and one landing net. Trays are 3 in. deep, 5¼ in. wide and are spaced for reels, baits, fly hooks, hook books, leader cases, repair kit and sundries.

- 4E \$13.50

SPECIAL "PACK ROD" CASE



These cases are light, strong as steel, cannot be crushed and carry a rod absolutely safe. Made in lengths up to 25 inches with heavy leather cap at ends fastening with strap and buckle and has loop for carrying.

- 3E3518 Plain Case with leather ends. \$3.50
- 3E3519 Full leather covered. 5.00

SOLID LEATHER SINGLE ROD CASE

All hand work. Fine grade russet leather. These are made of solid leather. Has stitched handle. Cap closes with strap and buckle.

- 3E4909 18 to 24 inches long. \$3.00
- 3E4910 26, 28, 30 inches long. 3.25
- 3E4911 32 and 34 inches long. 3.50
- 3E4912 36, 38, 40 inches long. 3.75
- 3E4913 42 and 44 inches long. 4.00

Steel pinion, studs and pivots hardened and oil tempered. Wheels made of the best hard rolled aluminum bronze rods. Talbot's improved spiral gears.

The ideal and most popular sizes from the bass to the muscallonge. With a small amount of care this reel will last a lifetime.

- 3E3104 Size 2, diameter of end plates, 1¾ inches. Length of spool, 1⅜ inches. Capacity, 60 to 80 yards fine casting line. With click and oil caps. \$20.00
- 3E3105 Ditto, full jewelled. 36.00
- 3E3106 Size 3, diameter of end plates, 2 inches. Length of spool, 1½ inches. Capacity, 80 to 100 yards fine casting line. With click and oil caps. 22.50
- 3E3107 Ditto, full jewelled. 38.50
- 3E3108 Size 4, diameter of end plates, 2⅜ inches. Length of spool, 1⅝ inches. Capacity, 100 to 150 yards fine casting line. With click, drag and oil caps. 25.00
- 3E3109 Ditto, full jewelled. 41.00

Extras to Order

- 3E3110 Aluminum spools 2.50
- With drags, extra. 2.00

TALBOT "COMET" REEL
 Quadruple Multiplying

A long spool model. Diameter of end plates, 1 3/4 inches; length of spool, 1 5/8 inches. Capacity, 80 to 100 yards of casting line. Made of best German silver. Steel studs, pinion and pivots hardened and oil tempered.

- 3E3123 ₤ \$10.00
- 3E3198 With garnet cap jewels..... ₤ 14.00
- 3E3199 Drag for either style, extra..... ₤ 2.00

TALBOT "MARS" REEL
 Quadruple Multiplying with Forward Handle

Made of best quality German silver; steel pinion, studs and pivots hardened and oil tempered. Wheel made of best hard drawn phosphor-bronze rods. Talbot's latest improved spiral frictionless gears. Holds 80 yards size 3 Kingfisher line. Diameter of end plates, 2 1/2 inches, length of spool, 1 5/8 inches, diameter of spool ends, 1 5/8 inches.

- 3E3116 As described above..... ₤ \$14.00
- 3E3117 Jewelled with best garnets..... ₤ 18.00
- 3E3118 Drag for either style, extra..... ₤ 2.00

TALBOT "METEOR" REEL
 Quadruple Multiplying

Diameter of end plates, 2 inches. Length of spool, 1 5/8 inches. Capacity, 100 yards medium casting.

Made of the best quality German silver. Steel pinion, studs and pivots hardened and oil tempered. Wheels made of best hand-drawn aluminum brass rods. Talbot's latest improved frictionless spiral gears.

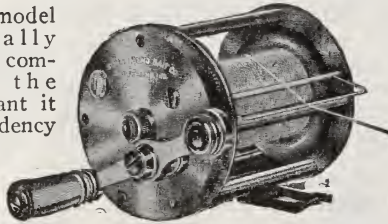
- 3E3119 With click and oil caps..... ₤ \$12.00
- 3E3120 With jewelled bearings..... ₤ 15.00

Extras to Order

- 3E3121 Drag ₤ \$2.00
- 3E3122 Aluminum spools..... ₤ 2.50

ANTI-BACK-LASH REEL
 Quadruple Multiplying

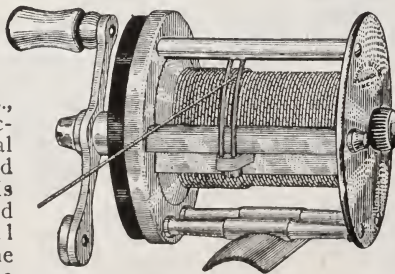
This new model automatically checks or completely stops the spool the instant it shows any tendency to over-run. Brake may be set at any desired tension or may be thrown out entirely. Length of spool, 1 3/4 inches; capacity, 80 yards.



3E3139 ₤ \$7.50

THE MARKHOFF LEVEL WINDING REEL
 Quadruple Multiplying

Length of spool, 1 3/4 inches, diameter of spool, 1 1/2 ins., 100 yds. capacity. All metal except the head plate, which is part vulcanized rubber. Steel pivots and fine quality Bronze gearing. Click and drag on thumbing side.



Showing how even spool operates

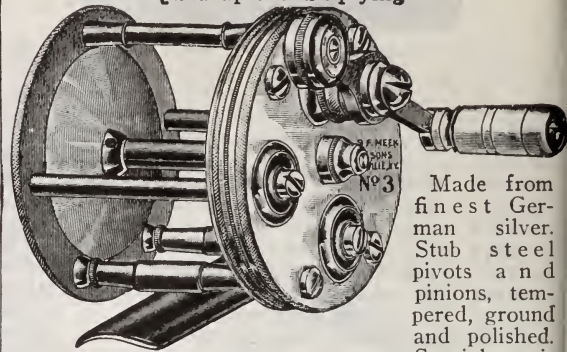
- 3E3141 Each ₤ \$15.00

SUPERIOR LEVEL WINDING REEL

Similar to the Markhoff reel, made of all metal. Has adjustable click.

- 4E3200 100 yards capacity. Each..... ₤ \$7.50

MEEK KENTUCKY REELS
 Quadruple Multiplying



Made from finest German silver. Stub steel pivots and pinions, tempered, ground and polished. Special anti-

friction bearings. "Meek" pattern spiral gears, two-leaf mesh. Balanced handle. Ivory grasp. Handles set at top unless otherwise ordered.

Size 2

Diameter of end plates, 1 3/4 inches. Length of spool, 1 5/8 inches. Capacity, 80 yards casting line.

- 3E3125 With click, drag and oil caps.... ₤ \$26.00
- 3E3126 With jewelled bearings..... ₤ 32.00

Size 3

The most popular size and the best for all around work. Diameter of end plates, 2 inches. Length of spool, 1 1/2 inches. Capacity, 100 yards casting line.

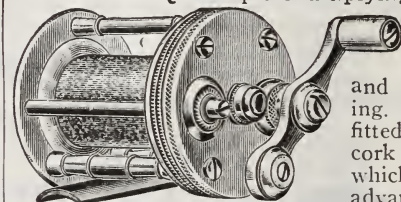
- 3E3127 With click, drag and oil caps.... ₤ \$26.00
- 3E3128 With jewelled bearings..... ₤ 32.00

Size 4

A very powerful reel of large line capacity and a great favorite for Northern lake use and for heavy fishing in general. Diameter of end plates, 2 1/4 inches. Length of spool, 1 5/8 inches. Capacity, 150 yards casting line.

- 3E3129 With click, drag and oil caps.... ₤ \$28.00
- 3E3130 With jewelled bearings..... ₤ 34.00

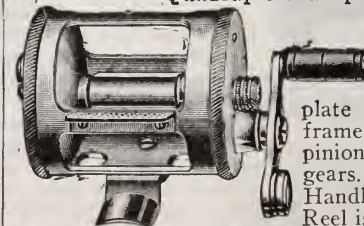
MEEK "SPECIAL" TOURNAMENT REEL
 Quadruple Multiplying



A very superior reel for both 1/4 and 1/2 ounce casting. The spool is fitted with a pressed cork drum or arbor which is a great advantage in distance casting. Very delicately adjusted and light running. Aluminum spool. Aluminum handle, set forward. Length of spool, 1 5/8 inches. Cork arbor 7/8-inch diameter. Adjustable click.

- 3E3131 ₤ \$27.00

MEEK "SIMPLEX" TAKE-APART REEL
 Quadruple Multiplying

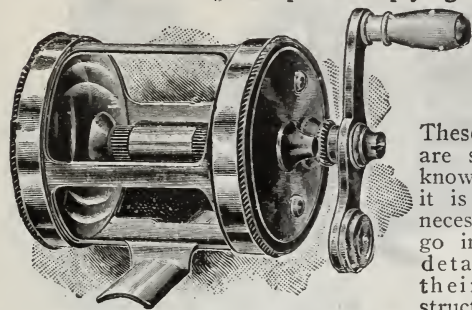


Frame made from one piece seamless tubing. Front plate fixed rigidly in frame. Steel pivots and pinions. Hard brass gears. Adjustable click. Handle set forward. Reel is easily taken apart

by unscrewing back plate and thumb nut on front end. Made of German silver and brass, heavily nickel plated. Diameter of spool, 1 5/8 inches, length of spool, 1 3/8 inches. Capacity, 100 yards casting line.

- 3E3138 ₤ \$7.50

MEISSALBACH TAKAPART AND TRIPART REELS—Quadruple Multiplying



These reels are so well known that it is hardly necessary to go into the details of their construction.

Special features of these reels—

Can be taken apart without tools by unscrewing either end plate.

All have steel pivots and steel pinion gears.

By tightening the end cap of the end of spool you apply friction to spool, making a non-backlashing reel. A good feature for those who are learning to cast and also for night fishing.

The Free Spool reels are always free except when reeling in—you touch no levers or buttons to disengage the gears—they are always ready to cast.

Long wearing qualities on account of simple construction. Easy to clean and oil and no screws to work loose.

Tripart Spool 1 3/8 x 1 3/4 inches, 60-yard capacity.

4E3143	Tripart	.....	Ⓔ	\$4.00
3E3144	Tripart Free Spool Regular	.....	Ⓔ	5.00
3E3145	Tripart German Silver	.....	Ⓔ	6.50
3E3146	Tripart German Silver Free Spool	.....	Ⓔ	8.50

Takapart Spool 1 9/16 x 1 3/4. 80-yard capacity.

4E3171	Takapart Regular	.....	Ⓔ	\$5.00
3E3172	Takapart Regular Free Spool	.....	Ⓔ	6.00
3E3195	Takapart German Silver	.....	Ⓔ	7.50
3E3196	Takapart German Silver Free Spool	.....	Ⓔ	9.50
3E3202	Takapart De Luxe German Silver, fitted with genuine Sapphires	.....	Ⓔ	11.50
3E3203	Takapart De Luxe Free Spool, German Silver with genuine Sapphires	.....	Ⓔ	13.50

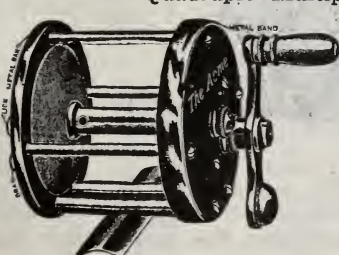
All regular reels are made of nickel-plated brass with German Silver spools and adjustable clicks.

REX BAIT CASTING REEL Quadruple Multiplying

Similar in design to the high-priced reels used for tournament casting. They have long spools, hard metal bushed bearings, steel pinions, which make them run smooth and without noise. In appearance they look like German silver, as they have a dull satin finish. With adjustable clicks and drags.

3E3149	Capacity, 60 yards	.....	Ⓔ	\$3.00
3E3150	Capacity, 60 yards with full jewels	.....	Ⓔ	4.00
3E3151	Capacity, 80 yards	.....	Ⓔ	3.50
3E3152	Capacity, 80 yards with full jewels	.....	Ⓔ	4.50

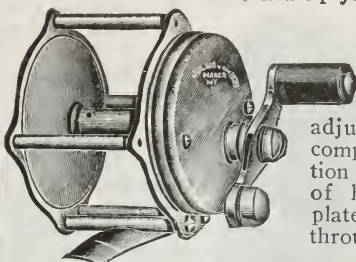
BOMOSEEN CASTING & TROLLING REELS Quadruple Multiplying



Made of hard rubber with nickel safety bands, steel posts, pivots and pinions, adjustable click and drag. A good serviceable reel.

4E3159	60 yds.	.....	Ⓔ	\$2.00
4E3160	80 yds.	.....	Ⓔ	2.25
4E3161	100 yds.	.....	Ⓔ	2.50

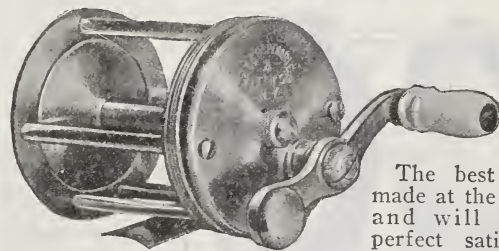
JULIUS VOM HOFE ALL METAL REELS Double Multiplying



Raised pillars. Back-sliding click. Steel spring and ratchet. With patent adjustable pivot cap for compensating lost motion in the spool. Made of hard brass, nickel plated. Solid metal throughout.

	Size	Yds.	Price		Size	Yds.	Price		
3E3163	4	60	Ⓔ	\$1.40	4E3167	1	200	Ⓔ	\$2.20
3E3164	3 1/2	80	Ⓔ	1.50	4E3168	1-0	250	Ⓔ	2.40
3E3165	3	100	Ⓔ	1.70	4E3169	2-0	300	Ⓔ	2.50
4E3166	2	150	Ⓔ	2.00	3E3170	3-0	400	Ⓔ	4.00

"A. & F." SPECIAL CASTING REEL Quadruple Multiplying



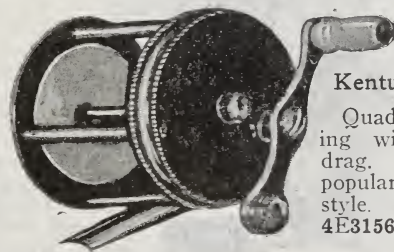
The best reel made at the price and will give perfect satisfaction. Strongly

made and built for service. Quiet and smooth-running and a splendid caster. Solid German silver throughout. Fine gears. Best steel and bronze bearings. Knurled head and back plates. Ivory handle. Goose-neck click. Screw-off oil caps. Easy take-down feature. Diameter of end plates, 1 15/16 inches. Diameter of spool ends, 1 3/8 inches. Length of spool, 1 7/8 inches. Adjustable click and drag.

3E3147 Regular model, capacity, 80 yards. Ⓔ \$7.50

3E3148 Special model, with agate end bearings Ⓔ 9.00

ROCKLAND BASS AND TROLLING REEL

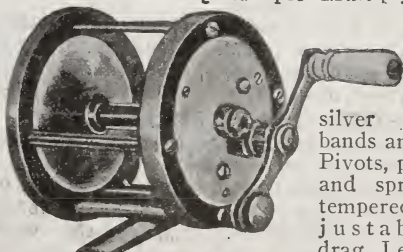


Kentucky Pattern

Quadruple multiplying with click and drag. Made in the popular long spool style. Nickel plated.

4E3156	60 yards	.....	Ⓔ	\$1.50
4E3157	80 yards	.....	Ⓔ	1.75
4E3158	100 yards	.....	Ⓔ	2.00

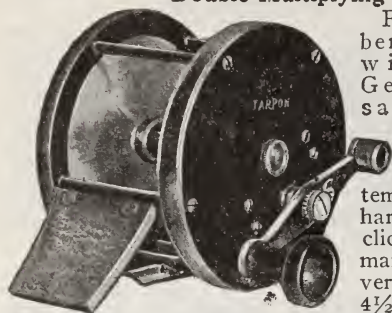
ST. LAWRENCE CASTING AND TROLLING REEL—Quadruple Multiplying



Made of hard rubber and German silver spool, metal bands and front plate. Pivots, pinion, ratchet and spring of fine-tempered steel, adjustable click and drag. Length of spool,

1 1/2 inches; end plates, 2 inches. Capacity, 100 yards. 3E3162 Ⓔ \$3.50

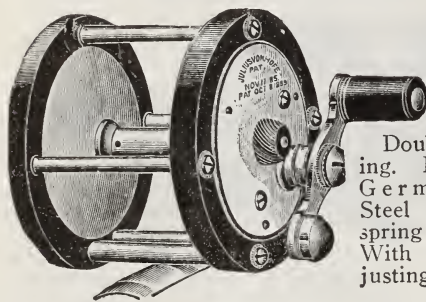
"TAMPICO" TARPON AND TUNA REEL
Double Multiplying



Fine hard rubber side plates with heavy German silver safety bands. Gears and bearings of finest steel, tempered and hardened. Heavy click. The workmanship is of the very best. Disk, 4 1/4 inches. Capacity, 500 yards.

- 4E3207 German silver ₤ \$28.00
- 4E3208 Same, polished nickel..... ₤ 18.00
- 4E3209 Polished nickel, disk 4 1/4 inches.. ₤ 12.00

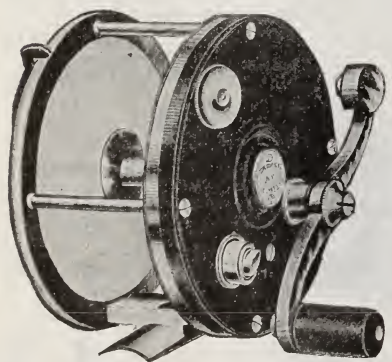
JULIUS VOM HOFE BASS AND TARPON REELS



Double multiplying. Rubber and German silver. Steel click cog, spring and ratchet. With patent adjusting pivot cap.

- | Size | Yds. | Price | Size | Yds. | Price |
|--------|-------|-------------|--------|---------|----------|
| 3E3173 | 4 | 60 ₤ \$4.25 | 3E3177 | 1 200 | ₤ \$7.00 |
| 3E3174 | 3 1/2 | 80 ₤ 4.75 | 3E3178 | 1-0 250 | ₤ 9.00 |
| 3E3175 | 3 | 100 ₤ 5.25 | 3E3179 | 2-0 300 | ₤ 10.00 |
| 3E3176 | 2 | 150 ₤ 6.00 | 3E3180 | 3-0 350 | ₤ 15.00 |

E. VOM HOFE BASS, TARPON AND TUNA REELS—"Universal Special"



The standard for heavy fishing. Finest quality rubber and German silver, beautifully finished. Full steel pivot and adjustable pivot cap. S-shaped screw-off balance handle. Sliding oil cap. Fitted with universal tension drag, adjustable friction

tension drag and locking crank-post. The locking crank-post impedes in no way the free reeling in of line, but prevents handle from being suddenly jerked around and smashing fingers.

- 4E3210 Size, 3-0, diameter, 3 5/8 in., 400 yds. ₤ \$40.00
- 4E3211 Size, 4-0, diameter, 3 3/4 in., 500 yds. ₤ 42.50
- 4E3212 Size, 6-0, diameter, 4 1/4 in., 600 yds. ₤ 45.00
- 4E4899 Size, 9-0, diameter, 5 in., 900 yds. ₤ 55.00

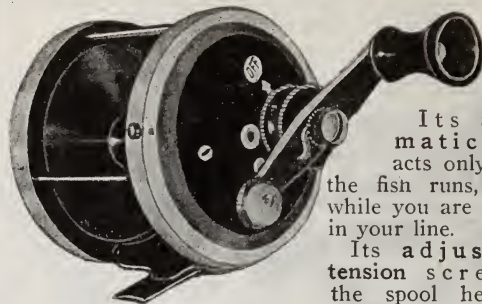
E. VOM HOFE "STAR SPECIAL" REEL

Same as above except has sliding click, and front plate reinforced with metal plate.

- 3E3213 Size, 3-0, diameter, 3 5/8 in., 400 yds. ₤ \$53.00
- 3E3214 Size, 4-0, diameter, 3 3/4 in., 500 yds. ₤ 55.00
- 3E3215 Size, 6-0, diameter, 4 1/4 in., 600 yds. ₤ 60.00

Capacities of salt-water reels are based upon Rex Standard 9-thread linen line unless other size specified.

MEISSELBACH "FREE SPOOL" SURF REEL



Its automatic drag acts only when the fish runs, never while you are reeling in your line.

Its adjustable tension screw on the spool helps to counteract the tendency of the line to "over-run" when making a cast.

To take it apart—just push the button and twist your wrist.

Its rigid German silver rims are riveted to a one-piece cross-plate. All the strain is on the metal; none upon the hard rubber plates. Made in two widths of spool. Wide model, 1 1/8-in.; narrow model, 1 1/2-in.

- 4E3197 ₤ \$20.00

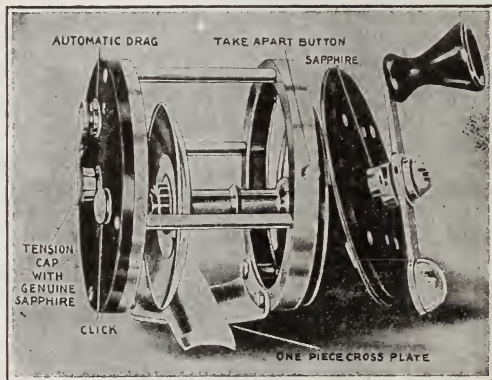
THE "MARCO" TARPON REEL

Holds 600 Feet of Tarpon Line

Similar to Meisselbach Free Spool Surf reel in construction. Diameter of spool 2 3/8 inches at the pillars and 2 3/4 inches high, fitted with a Rabbeth drag handle and a locking post which prevents the handle turning back when fish is running.

- 4E4923 ₤ \$25.00

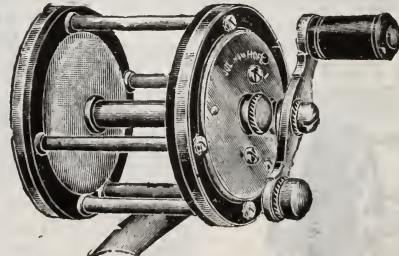
MEISSELBACH "NEPTUNE" REEL



Hard rubber and German silver of best quality are used in its construction. An automatic drag operates against the fish and makes unnecessary the use of thumb cots or leather brakes.

- 3E4366 Diameter of end plates, 3 inches; holds 100 yards of heavy line... ₤ \$10.00

"THE CEDARS" SURF REELS

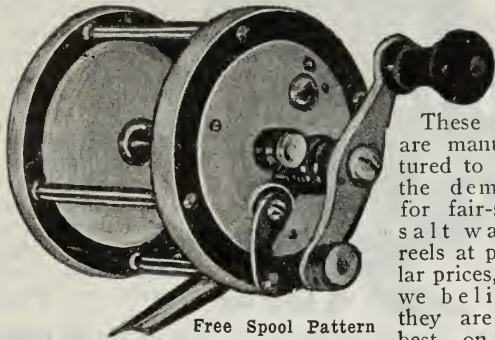


German silver and hard rubber adjustable click, steel click cog, spring and ratchet, solid reel plate and lever, free spool attachment.

- 4E4896 Size 1, 200 yds. 9..... ₤ \$18.00
- 4E4897 Size 1/0, 200 yds. 12..... ₤ 20.00
- 4E4898 Size 2/0, 200 yds. 15..... ₤ 22.00

STANDARD REELS

For Trolling, Salt Water and Surf Casting, Double Multiplying



Free Spool Pattern

These reels are manufactured to meet the demand for fair-sized salt water reels at popular prices, and we believe they are the best on the

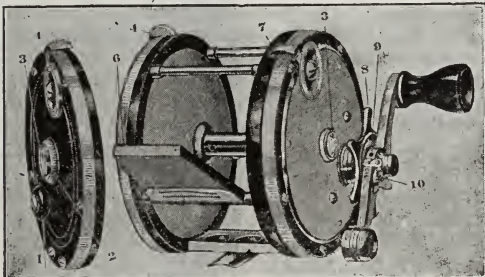
market at the price. Have extra strong gears; large handle with improved grasp. Heavy spools with fine quality steel pivots. Hard rubber end plates and safety bands.

German silver		Nickel	
End	Yards Plates	End	Yards Plates
4E3183	150 27/8" .65 \$5.75	4E3183 1/2	150 27/8" .65 \$4.00
4E3201	200 3" .65 6.25	4E3184	200 3" .65 4.50
4E3186	250 3 1/4" .65 7.75	4E3185	250 3 1/4" .65 5.00
4E3188	300 3 1/2" .65 9.00	4E3187	300 3 1/2" .65 5.75

With Free Spools for Surf Casting

German silver		Nickel	
End	Yards Plates	End	Yards Plates
4E3190	200 3" .65 \$7.75	4E3189	200 3" .65 \$6.25
4E3192	250 3 1/4" .65 9.50	4E3191	250 3 1/4" .65 6.75
4E3194	300 3 1/2" .65 11.00	4E3193	300 3 1/2" .65 7.50

B/OCEAN REELS



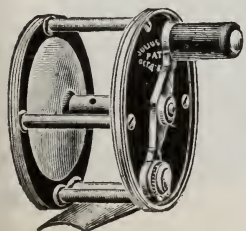
For tarpon, tuna and sail fish. Made of the best rubber and German silver. Has locking handle which moves forward only, preventing bruising of the hand when the fish rushes. Back sliding click, adjustable pivot caps, sliding pivot oil caps, left-hand adjustment for independent rim drag, adjustable when fishing, leather apron, free spool and handle drag adjuster, spider right-hand pilot, post oil cup and handle ratchet.

Size	Yds.	Line	
4E3694	2/0	350	9 thread .65 \$45.00
4E3695	4/0	300	15 thread .65 55.00
4E3696	6/0	200	27 thread .65 60.00
4E3697	9/0	300	39 thread .65 80.00

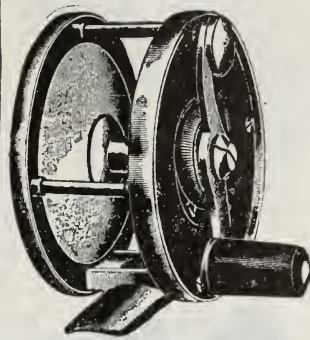
IMPROVED "CASSETTE" FLY REELS
Single Action

Beautifully made and finished in finest hard rubber and polished German silver with strong safety bands. Back sliding click, steel click cog, spring and ratchet.

3E3266	40 yds...	.65	\$4.00
3E3267	60 yds...	.65	4.25
3E3268	80 yds...	.65	4.50
3E3269	100 yds...	.65	5.00



EDWARD VOM HOFE REELS
"Perfection" Trout and Bass Fly Reel



Extra fine quality rubber, all metal-work of German silver, S strapped balanced handle, steel click cog, spring and ratchet, sliding click drag, and adjustable automatic silent tension drag. It permits the angler to regulate the drag (light or heavy) at will. The drag is in action only when line is being drawn out, it being automatically removed when reeling in.

3E3245	Size, 3/2,	Diam., 2 3/8 in.,	80 yds..	.65	\$13.00
3E3246	Size, 3,	Diam., 2 1/2 in.,	100 yds..	.65	14.00
3E3247	Size, 2,	Diam., 2 3/4 in.,	150 yds..	.65	15.00
3E3248	Size, 1,	Diam., 3 in.,	200 yds..	.65	16.00
3E3249	Size, 1-0,	Diam., 3 3/8 in.,	250 yds..	.65	17.00

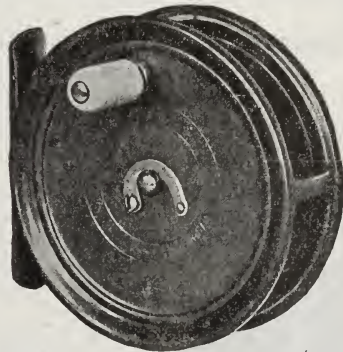
"RESTIGOUCHE" SALMON AND GRILSE REELS

Same Construction as Above

3E3227	Size, 2/0,	Diam., 3 3/8 in.,	300 yds..	.65	\$22.00
3E3228	Size, 3/0,	Diam., 3 5/8 in.,	400 yds..	.65	25.00
3E3229	Size, 4/0,	Diam., 3 7/8 in.,	400 yds..	.65	28.00
3E3230	Size, 6/0,	Diam., 4 1/4 in.,	500 yds..	.65	30.00

"SUNDOWN" UNIQUE TROUT AND SALMON REELS

With Patent Compensating Check



This is the lightest, strongest and best constructed fly reel that we carry. The frame and spool are made of hard bronze aluminum, the spindle of fine bronze. The workmanship and gunmetal finish are of a higher class than have hitherto been introduced into reels for fly fishing. Every detail being most carefully worked out and all springs, tongues, bridges, etc., properly finished, hardened and tempered so that they will wear for years. *All striking may be done directly from the reel* on account of the tension spring which is strong when the fish strikes and very light when reeling in. This feature will be appreciated by every angler. The spools are narrow and the walls straight, thus giving the reel great line capacity.

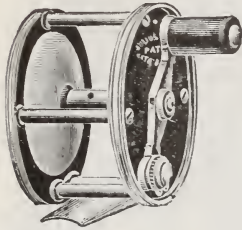
By unseating the spring on trout reel and slackening the screw on washer of salmon reel at the end of spindles, the reel can be taken apart in an instant for cleaning and oiling.

4-INCH AND LARGER ARE FOR SALMON

3E4946	2 5/8 in.	.65	\$7.00	3E4950	3 5/8 in.	.65	\$11.00
3E4947	2 7/8 in.	.65	8.25	3E4951	4 in.	.65	12.00
3E4948	3 1/8 in.	.65	9.50	3E4952	4 1/4 in.	.65	13.00
3E4949	3 3/8 in.	.65	10.50	3E4953	4 1/2 in.	.65	14.00

IMPROVED "BIJOU" FLY REELS

Single Action



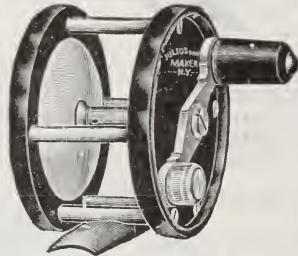
Fine hard rubber and polished nickel, with nickel safety bands. Back sliding click, steel spring and ratchet. A strong, durable and smooth running reel of exceptional quality.

- 3E3259 40 yds... $\text{\$}$ 1.40
- 3E3260 60 yds... $\text{\$}$ 1.50
- 3E3261 80 yds... $\text{\$}$ 1.60
- 3E3262 100 yds... $\text{\$}$ 1.75

"MOUNTAIN BROOK TROUT REELS"

Single Action

The lightest of all and in careful hands a perfectly satisfactory reel. Finest hard rubber and rubber safety bands. Back sliding click, steel spring and ratchet.



Nickel Plate

- 3E3253 40 yards... $\text{\$}$ 1.00
- 3E3254 60 yards... $\text{\$}$ 1.10
- 3E3255 80 yards... $\text{\$}$ 1.20
- 3E3256 100 yards... $\text{\$}$ 1.30

German Silver

- 3E3257 60 yards... $\text{\$}$ 2.00
- 3E3258 100 yards... $\text{\$}$ 2.50

"VERMONT" TROUT REEL

Single Action

All metal, nickel plated, very strong. Plates screwed to pillars. Protected balanced handle. Adjustable sliding click.

- 4E3263 40-yd. capacity... $\text{\$}$.60
- 3E3264 80-yd. capacity... $\text{\$}$.80

Y. & E. AUTOMATIC REELS

These reels bear a standard high-quality reputation.

- 3E3296 Weight, 8 ounces. Carries and automatically rewinds 90 feet of No. 5 silk line... $\text{\$}$ 4.50

- 3E3297 Weight, 12 ounces. Carries and automatically rewinds 150 feet of No. 5 silk line... $\text{\$}$ 5.40



automatically rewinds 150 feet of No. 5 silk line... $\text{\$}$ 5.40

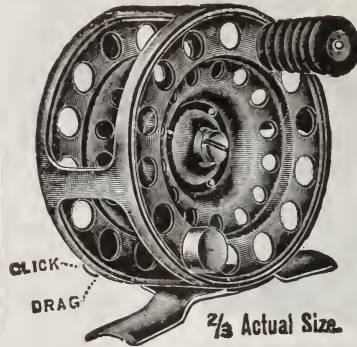
Y. & E. AUTOMATIC COMBINATION REELS

May be made either automatic or free-running by the pressure of a catch.

- 3E3298 Style A. Weight, 7½ oz. Capacity 125 feet of No. 5 silk line. Rewinds 50 feet automatically... $\text{\$}$ 6.25
- 3E3299 Style B. Weight, 11 oz. Capacity 300 feet of No. 5 silk line. Rewinds 90 feet automatically... $\text{\$}$ 7.00
- 3E3300 Style C. Weight, 13 oz. Capacity 600 feet of No. 5 silk line. Rewinds 150 feet automatically... $\text{\$}$ 8.00

NEW MODEL "IDEAL" REEL

German Silver

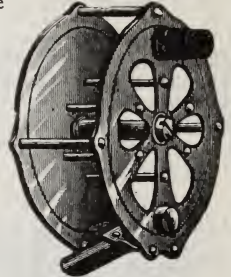
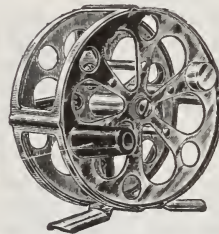


The bearings are reinforced at wearing points, perfectly centered, and balanced. Adjustable click and drag, phosphorous bronze spring and large open spool. This reel may be taken apart by removing one screw.

- 4E3274 Spool measures 2¼x1 in., 80 yds. $\text{\$}$ 1.15
- 4E3275 Spool measures 3¼x1½ in., 120 yds. $\text{\$}$ 1.75

THE "LIGHTWEIGHT" REELS

Style B



Style A

The lightest reels made and great favorites. Removable spool. Back-sliding steel click and steel spindle. The large diameter of winding spool reels in the line considerably faster than the regular single-action pattern, while the open frame above and below allows the line to dry on the spool. Style A represents the extra light construction.

- 4E3276 Style A. 40 yds. Weight, 2½ ozs... $\text{\$}$ 1.00
- 4E3277 Style A. 60 yds. Weight, 3 ozs... $\text{\$}$ 1.25
- 4E3278 Style B. 70 yds. Weight, 4 ozs... $\text{\$}$ 1.75
- 4E3279 Style B. 80 yds. Weight, 4¾ ozs... $\text{\$}$ 1.75
- 4E3280 Style A. 100 yds. Weight, 5½ ozs... $\text{\$}$ 1.50

KELSO AUTOMATIC REELS



A decided improvement in automatic reels. It is considerably lighter than the old style ones; weighing but 7½ ounces. Case made of aluminum satin finished. All working parts enclosed. Mechanism is very simple and not likely to get out of order. Spool is fitted with automatic tension, allowing line to be unreeled even when spring is fully wound. Tension can be increased at will without stopping the spool; this cannot be done with any other reel. Size of spool, 3¼x5/8; capacity, 100 yards No. 5 line.

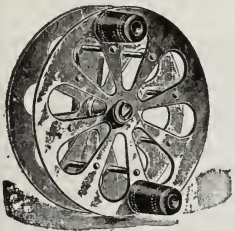
- 3E3291 Weight, 9¾ oz... $\text{\$}$ 3.50

MARTIN AUTOMATIC REELS



- 4E3292 Style 1. 25 yards, trout size, weight 8 ounces**⌘** \$3.25
- 4E3293 Style 2. 25 yards, trout size, weight, 8½ ounces**⌘** 3.50
- 4E3294 Style 3. 50 yards, bass size, weight, 8¼ ounces**⌘** 3.75
- 4E3295 Style 4. 75 yards, salmon size, weight, 8½ ounces.....**⌘** 4.00

WIRE LINE REELS



This reel is made especially for deep trolling with wire lines. The large, narrow spool takes in the line quickly and evenly. Fitted with a powerful drag, which is controlled by one finger. Strongly made of hard brass and heavily nicked. Diameter of spool, 4½ inches, width, 1 inch; capacity, 150 to 200 yards.

- 4E3281.....**⌘** \$1.50

HINGED TOP REEL BOXES



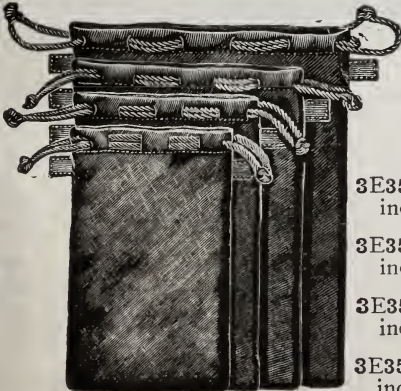
With loop for belt. Fine quality leather lined with chamois.

- 3E3569 For Single Action Reels, 25 to 60 yards...**⌘** \$1.00
- 3E3570 For Single Action Reels, 80 to 150 yards...**⌘** 1.75
- 3E3571 For Salmon Reels**⌘** 2.50
- 3E3572 For Multiplying Reels, 25 to 100 yards...**⌘** 1.50
- 3E3573 For Multiplying Reels, 150 to 200 yds...**⌘** 2.00
- 3E3574 For Multiplying Reels, 250 to 300 yards...**⌘** 2.50
- 3E3575 For Tarpon Reels.....**⌘** 3.00

When ordering give dimensions of reel. Special sizes to order.

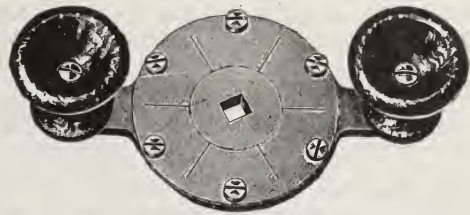
LEATHER BAGS

Made of roan leather; handy for reels, etc.



- 3E3576 6¾x4½ inches...**⌘** \$.50
- 3E3577 7¼x5½ inches...**⌘** .75
- 3E3578 8x6½ inches...**⌘** 1.00
- 3E3579 9 x 8 inches...**⌘** 1.25

THE "RABBETH" ADJUSTABLE REEL DRAG OR BRAKE



This drag is suitable for tarpon, tuna, or other large fish. It is made from German silver, highly finished, and the workmanship is of the very best. The radical advantage of this drag consists of an adjustable connection between the crank handle and the winding drum, whereby the angler is enabled to bring a fish to gaff without once letting go of the reel handle thereby avoiding the liability of an over-run or of the fish getting slack line. The friction connection being easily adjustable to any strength of tackle, it becomes impossible for the fish to break it or escape final capture if fairly hooked. When a fish runs, hold the handle, and never let go of it until the fish is brought to gaff; this is done with less exertion than is required in any other way, as with this device the drag handle does not revolve when fish is running.

- 3E3301**⌘** \$4.50

THE "GOVERNOR" DRAG

A reduced form of the Rabbeth drag with one handle for smaller sized reels.

- 4E3302 Style 2. For Striped Bass, Bluefish, Muscallonge, etc., German Silver **⌘** \$2.00
- 4E3303 Style 3. For Black Bass, Pike, Pickerel, etc., German Silver.....**⌘** 1.50

(When ordering Governor or Rabbeth Drag, specify exact size of hole in reel handle, or better still, send us your reel to be fitted.)

HAND LEATHER DRAG

The drag is made of heavy leather and laces on the rod forward of the reel just about where the left hand goes in fishing.



When necessary to use the drag, the flap is clamped down over the line, and as much pressure as is needed can be applied to check the run on the line. The big advantage of this device is that it leaves the right hand free to manage the reel and take in slack.

- 4E3304.....**⌘** \$.75

THUMB BRAKES

To attach to rear pillar of any reel. Best leather riveted to German silver clasp. Very useful for trolling and absolutely necessary for sea fishing.



To order, measure the distance between the inner sides of end plates on your reel.

- 3E3306 Size 1. Width clasp, 1½ inches. Length, 1¾ inches**⌘** \$.25
- 3E3307 Size 2. Width clasp, 1½ inches. Length, 1½ inches.....**⌘** .35
- 3E3308 Size 3. Width clasp, 2½ inches. Length, 2 inches.....**⌘** .50

LINES

In selection of the proper line to use for different styles of fishing, the length and the weight of the rod should be considered. In fly casting particularly the line should fit the rod. Too heavy a line will not cast far and too light a line will not cast at all. Fly casting lines should be enameled braided silk, smooth and flexible—heavy enough to shoot or run through the guides easily and not kink.

For bait casting, the soft braided silk line that is smooth and does not hurt the thumb is preferred—this line will not wear as well as a hard braided line. The experienced bait caster knows this and is willing to sacrifice wearing quality for good casting qualities, often using up a new line in a day's fishing.

For still fishing and trolling the braided lines will give the best service.

Linen lines are made in all sizes for the many kinds of fish in the salt water. Lines, when not in use, should not be stored in damp places, or left exposed to the sun. After the day's fishing is over, dry the line (see line Dryers on page 106) thoroughly before putting it away, so that it will not rot or mildew. Enameled lines should be removed from the fishing reels and wound loosely on large spoons or reels (see page 108) for the winter. By doing this you will give the line a rest and it will not be full of kinks or cracked on account of being left packed closely on the reel.

There are certain waters which contain much alkali. Waterproof or enamel lines will give the best results in such waters. Plain braided silk lines will seldom last a day—the action of the water even changing the color of the line in a few hours.

BRAIDED AND ENAMELED WATERPROOF SILK LINES

SIZE	C	OR	1	
	D		2	
	E		3	
	F		4	
	G		5	
	H		6	
	I		7	

We carry several grades of enameled lines, made of braided silk and varying in price according to their quality. There are two methods of designating size; some manufacturers use letters and others number them. In order to clearly indicate the sizes we have prepared the diagram herewith which shows their relative weight and the letter or number by which they are known. If, in making a selection from the lines catalogued, you are in doubt as to the size you should order, refer to this illustration and select the one you want.

TAPERED LINES

Tapered lines are of larger size in the middle and gradually taper down at both ends to a smaller size. This feature enables the caster to handle a longer line and place it upon the water more delicately and with greater skill. In specifying the sizes of tapered lines under the various catalog listings the size given indicates the *middle of the line*, and not the smaller tapered ends; for instance, a "C" line indicates that the heavier or middle portion of the line is "C" in size and tapers to "G" at the ends. The correct tapers of all lines are as follows:

- Size G tapers to I at the ends.
- Size E tapers to H at the ends.
- Size F tapers to H at the ends.
- Size D tapers to G at the ends.
- Size C tapers to G at the ends.

In the salmon sizes tapered lines are carried in but three weights, known as Heavy, Medium, and Light. The illustration below shows the thickness of these lines, the center portion of the picture showing the approximate thickness of the middle and the ends in the picture showing the approximate thickness of the extreme ends of the line.



"AYANEFCO" IMPORTED SOFT ENAMEL LINES

Double Tapered for Fly Fishing (Vacuum Dressed)

Finished by the Halford Process

These lines are absolutely without equal for finish, flexibility and wear. They positively will not kink. In casting they are perfection, as the long tapers and correct balance carry true. The fisherman who employs the "slack line" cast will find they render smoothly and without snarling. Their wonderful flexibility and ease of floating make them especially valuable to the "dry fly" fisherman, as this line carries out and lies upon the water straight and true.

They are braided solid from the very finest silk, carefully enameled by the vacuum process and dressed down by hand.

Made in doubled tapered styles only and finished in a brown color.

Size F is for rods from 3 to 4 ozs.; E for rods 4 to 5 ozs.; D for regular fly rods and C for very heavy rods or grilse rods.

4E4863 All sizes, 30 yards long.....\$7.50
 4E4789 All sizes, 40 yards long.....\$10.00

These lines are soft enamel and should not be wound on a reel having small drum. Use a backing to fill the spool at least 3/4 of an inch.

Handle carefully as they will not stand rough usage.

AYENFCO DOUBLE TAPERED SALMON LINES

(Described on Page 104)

We carry these three sizes, light, medium and heavy, full 100-yard lengths, and also carry them in the same sizes 40 yards long for splicing. This means that the 40 yards can be spliced upon a linen line of 50 or 100 yards and thus furnish sufficient length of enameled line for casting. A considerable saving is accomplished by this method and many fishermen employ it. When splices are properly made the use of the line is equally satisfactory. The customary sizes of linen for backing is 12, 13 or 18 thread, according to the weight of enameled line to be backed up. Our Rex Linen Lines, listed elsewhere, are particularly adaptable for this purpose.

3E4791 All sizes, 40 yards (for splicing). **4¢ 12.00**
We will splice salmon lines at a cost of \$1.00, to which must be added the cost of your choice of linen line for "backing."

"IMPERATRIX" IMPORTED LINES

Soft Enamel

Braided solid from the very finest silk and are perfect in make and finish. Enameled by a new "Vacuum Pump" process which produces a line practically one solid piece of silk and enamel. Finished and polished by hand until they are as soft, smooth and flexible as raw silk and run out straight and even—they never kink. The enamel does not "knuckle" or chip off. We guarantee them perfect and recommend them to critical anglers who desire a fine, smooth-casting line.

Level Trout Lines

Put up in coils of 25 yards—4 connected.

Size	Per 25 yds.	Size	Per 25 yds.
3E4793 H	4¢ \$1.50	3E4796 E	4¢ \$2.50
3E4794 G	4¢ 1.75	3E4797 D	4¢ 3.00
3E4795 F	4¢ 2.00	3E4798 C	4¢ 3.50

Double Tapered Trout Lines

Size	Per		Size	Per	
	30 yds.	40 yds.		30 yds.	40 yds.
3E4799 F	4¢ \$3.00	4¢ \$4.00	3E4802 C	4¢ \$5.00	4¢ \$6.00
3E4800 E	4¢ 3.50	4¢ 4.50	3E4803 B	4¢ 6.00	4¢ 7.00
3E4801 D	4¢ 4.00	4¢ 5.00			

Double Tapered Salmon Lines

3E4804 Light 42	4¢ \$7.50	3E4806 H'vy 42	4¢ \$9.50
3E4805 Med. 42	4¢ 8.50		

Any of these lines can be spliced upon a linen line "backing" to add to their length and save expense. This plan builds up the spool. We will splice salmon lines at a cost of \$1.00, to which must be added the cost of your choice of linen line for "backing."

THE "BIC" ENAMELED SILK LINE

Made of pure silk, carefully braided and enameled. This line is offered to meet a demand for a good durable line at a moderate price. It is an excellent line and equal to many sold at much higher prices. It is very popular for general fishing, a good free-running line. Color: Mottled light olive and black. These lines come in 25-yard coils, 4 connected, level lines only.

Size	Per 25 yds.	Size	Per 25 yds.
3E4823 E	4¢ \$1.00	3E4825 G	4¢ \$6.65
3E4824 F	4¢ .75	3E4825½ H	4¢ .60

"THE TOURADIF" FLY CASTING LINES

Highest Grade Hard Enameled Silk Lines

Finished in "Water Color"

Made of best Italian filature silk. Very carefully braided and months taken to harden the enamel. A perfectly smooth and durable line. Runs freely through the guides, and will endure the hardest kind of casting.

Level Trout and Bass Lines

Put up on cards of 25 yards—4 connected.

Size	Per 25 yds.	Size	Per 25 yds.
3E4807 D	4¢ \$2.25	3E4810 G	4¢ \$1.40
3E4808 E	4¢ 1.75	3E4811 H	4¢ 1.40
3E4809 F	4¢ 1.50		

Double Tapered Trout and Bass Lines

Size	Per 25 yds.	Size	Per 25 yds.
3E4812 D 40 yds.	4¢ \$4.00	3E4815 E 30 yds.	4¢ \$2.50
3E4813 D 30 yds.	4¢ 3.00	3E4816 F 35 yds.	4¢ 2.25
3E4814 E 40 yds.	4¢ 3.25	3E4817 F 30 yds.	4¢ 2.00

Mansfield Tournament Line

The correct size for 4 and 5 oz. rods.

3E4818 115 feet long.....4¢ \$5.00

Single Tapered Salmon and Grilse Lines

Size	Per 25 yds.	Size	Per 25 yds.
3E4819 B 60 yds.	4¢ \$6.00	3E4821 C 50 yds.	4¢ \$5.00
3E4820 C 60 yds.	4¢ 5.50	3E4822 D 50 yds.	4¢ 4.50

Any of these lines can be spliced upon a linen line "backing" to add to their length and save expense. This plan builds up the spool. We will splice salmon lines at a cost of \$1.00 to which must be added the cost of your choice of linen line for "backing."

SALINE ENAMELED LINE

Highest quality silk line treated and water-proofed giving smooth, even enamel of great toughness and durability. The line is very flexible. Best for bait fishing, casting a spoon or trolling and is far superior to the oiled silk lines in general use. Put up in coils of 25 yards, 4 connected.

Size	Per 25 yds.	Per 100 yds.
3E4826 Size H Pulls 12 lbs.	4¢ \$7.75	4¢ \$2.75
3E4827 Size G Pulls 16 lbs.	4¢ .95	4¢ 3.50
3E4828 Size F Pulls 20 lbs.	4¢ 1.10	4¢ 4.00

KINGFISHER ENAMELED LINES

Mist Color

One of the first "Kingfisher" lines put upon the market, and one that is deservedly popular. Wound on cards of 25 yards each and four cards connected.

Size	Per 25 yds.	Size	Per 25 yds.
3E4833 H 25 yds.	4¢ \$.70	3E4835 F 25 yds.	4¢ \$1.00
3E4834 G 25 yds.	4¢ .85	3E4836 E 25 yds.	4¢ 1.25

"VICTRIX" TOURNAMENT LINES

For Casting ¼ and ½ Oz. Weights

It is no larger in size than regular sewing silk yet it is braided and very elastic. It is the smoothest running and most free casting line ever made and carries no water. Color: White, one size only.
3E4956 300-yard spool (app.).....4¢ \$2.00

"AJAX" HARD BRAIDED SILK CASTING LINES

A fine quality, hard-braided silk line. Black and white in color. Suitable for all styles of general bait fishing and a good, serviceable line in every way. Put up on cards of 25 yards, four connected.

Size	Per 25 yds.	Per 100 yds.
3E4853 Size 6 Fine.....	4¢ \$.35	4¢ \$1.25
3E4854 Size 5 Medium....	4¢ .40	4¢ 1.50
3E4855 Size 4 Heavy....	4¢ .45	4¢ 1.75
3E4856 Size 3 Extra Heavy	4¢ .50	4¢ 2.00

DE LUXE SPECIAL

Bait Casting and Trolling Line

This line is braided of the very finest selected China Steam Filature silk especially imported for this line.

It is warranted not to wear flat, kink or waterlog, and it is absolutely the best line made for bait casting or trolling. Will stand the severest tests. Carried in three sizes, and one color only, a light olive, which is practically invisible in the water, and absolutely fast color.

Put up on 50-yard spools, two connected.

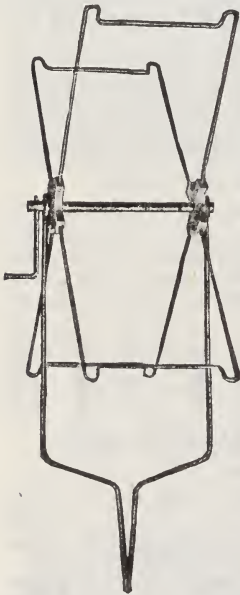
- 4E4958 Size 6, Pull 17 lbs., 50 Yds..... ¢ \$1.50
- 4E4959 Size 5, Pull 23 lbs., 50 Yds..... ¢ 1.60
- 4E4960 Size 4, Pull 28 lbs., 50 Yds..... ¢ 1.75

DE LUXE SPECIAL (Waterproof)

The same quality line as above waterproofed—this is a splendid line for bait casting and trolling in deep water—we also recommend it for strip casting with long bass or stiff fly rods, using pork rind strips—live bait and spinners—(black color only). On spools of 50 yds. 2 spools connected. Can be used in waters which decay other lines.

- 4E4829 Size 6, Pull 18 lbs., 50 Yds..... ¢ \$1.65
- 4E4830 Size 5, Pull 24 lbs., 50 Yds..... ¢ 1.75
- 4E4831 Size 4, Pull 30 lbs., 50 Yds..... ¢ 1.85

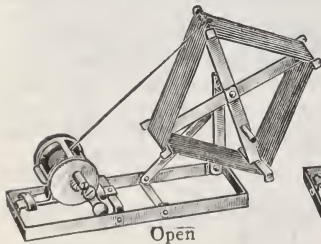
THE "ACME" LINE DRYER



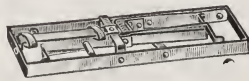
Many good lines are ruined by putting them away on a reel before drying them. It takes only a few minutes to do this if you use this Line Dryer and you will find that your lines will last much longer and that they are less liable to become sticky. It can be opened or folded in a minute and can be held in the hand or put in the ferrule of rod when winding. The reel when opened is 10½ inches in diameter, will wind 30 inches of line at each turn and hold all the lines used on the largest reels. Made of steel wire which is highly finished in nickel.

When folded the size is 10½ by 5 inches. Put up in khaki bag with snap button to hold flap.

- 3E4379 Weight, 5 ozs. ¢ \$1.25



STANDARD LINE DRYER



Another form of Line Dryer which is very handy. Made of nickel plated brass. Very compact.

- 3E4832 Weight, 8 ozs..... ¢ \$2.00

GRAPHITE

Specially prepared for smoothing and polishing enameled casting lines. Imparts a smooth, glassy finish and prevents the line from kinking and snarling.

- 3E3538 ¢ \$.25

MARTIN'S "SLICKEST" LINES

For Bait Casting and Trolling

Braided of the best silk for hard, rough fishing. These lines are braided "square" and are very close and hard. They are too hard for long casting and fine work. Recommended particularly for general lake fishing and heavy bait casting. Drab in color, speckled with red and green. Spools of 50 yards, two connected.

- 4E4844 Size G Pulls 16 lbs. Per 50 yds. ¢ \$1.35
- 4E4845 Size E Pulls 25 lbs. Per 50 yds. ¢ 1.60

MARTIN'S "KINGFISHER" LINES

For Bait Casting

Made expressly for bait casting from especially twisted silk of fine quality and is a splendid line for hard service. Color: White with black thread. Put up on spools of 50 yards, two connected.

- 4E4846 Size 6. Light. Per 50 yds. ¢ \$.75
- 3E4847 Size 5. Medium. Per 50 yds. ¢ .75
- 3E4848 Size 4. Heavy. Per 50 yds. ¢ 1.00
- 4E4849 Size 3. Extra heavy. Per 50 yds. ¢ 1.25

MARTIN'S WATERPROOF BAIT-CASTING LINES

An excellent waterproof braided silk line. Very strong and durable. Solid black or mottled.

- 4E4848½ Size 4. 50-yd. spool..... ¢ \$1.35
- 4E4847½ Size 5. 50-yd. spool..... ¢ 1.10

"KINGFISHER" BRAIDED SILK LINES

Italian—For Casting and Trolling

This line is made of finished silk, medium hard braided. No dressing of any kind on it. Intended for general lake and stream fishing, bait casting and trolling. It's a beautiful, high grade, well made, smooth running, strong, serviceable line. If you prefer a dark colored line, here is a good one. Put up 50 yards on a spool, 2 connected—100 yards in a box. Color: Tan with Green Stripe.

- 4E4840 Size 5; test, 12 lbs.; per 50 yards ¢ \$1.10
- 4E4841 Size 4; test, 18 lbs.; per 50 yards ¢ 1.40
- 4E4842 Size 3; test, 23 lbs.; per 50 yards ¢ 1.65

"KINGFISHER" BRAIDED SILK LINES

Muscallonge

Made expressly for lake trout or togue, pike and "muskie." A tremendously strong and durable line and yet so smooth and flexible as to cast and reel nicely. Much preferable to linen for deep or heavy trolling as it is far less liable to kink. No dressing of any kind on it. Closely braided and free running. Put up 50 yards on a spool, 2 connected—100 yards in a box. Color: White, with Black Stripe.

- 4E4843 Test, 40 lbs.; per 50 yards..... ¢ \$2.25

"FLOATUM" LINE DRESSING

This preparation is not for refinishing lines. It is applied to the line to make it float and at the same time soft, smooth and flexible. If directions are followed, you will find it superior to deer fat. Take a piece of chamois, soft leather or a "Line Greaser" and put a little Floatum on it. Run the line backward and forward between the Polisher. Polish until the line is clean and bright—many lines have been injured by leaving a surplus of dressing on the line.

- 3E4383 2 oz. can..... ¢ \$.25

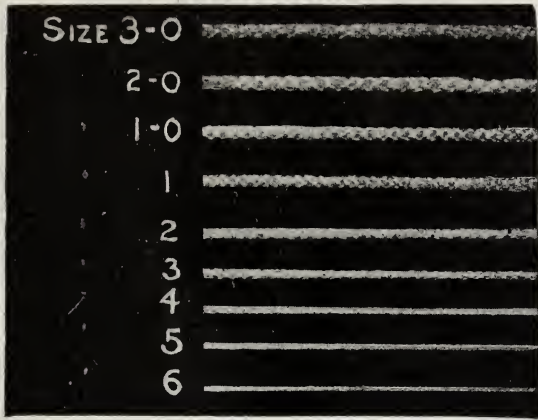
POCKET LINE GREASER

Invaluable for the dry-fly fisherman. Fine pig-skin case with best felt pad for rubbing line with deer fat. Pad is removable and has lead foil back to prevent grease working through—fastens with snap button. Size, 3½x1¾.

- 4E3535..... ¢ \$.50

BRAIDED LINES

These lines are known by sizes, which, unlike twisted lines, do not represent the number of threads in their construction. Braided lines are considered superior to twisted lines for trolling on account of their non-kinking qualities. They do not have a tendency to wind and twist. Braiding is very tight and the line extremely hard. Illustration shows relative sizes.



REX BRAIDED LINEN REEL LINES
Green Color Only

This line is made of the same stock as our Rex line and braided by an improved method which gives it a hard, smooth finish. Stretched before they are put on the spools, and will not swell like the ordinary braided lines. Guaranteed to test 2 pounds to the thread. Put up on spools of 50 yards, four connected.

Size	Per 100 yds.	Size	Per 100 yds.
4E4896 12	¢ \$.75	4E4899 21	¢ \$.90
4E4897 15	¢ .80	4E4900 24	¢ 1.00
4E4898 18	¢ .85		

"FREEPORT" BRAIDED LINEN REEL LINE

A good grade of hard braided line suitable for reel use for those who prefer braided to twisted line. Put up in blocks of 25 yards, 4 connected.

Size	25 yds.	100 yds.
4E4870 6. Fine	.....\$ .15	\$.55
4E4871 4. Medium	.....	.55
4E4872 2. Heavy	.....	.55

"MONTAUK" BRAIDED LINEN LINES

Made from fine quality long-fibre flax, entirely free from sizing and injurious dye-stuffs. Smoothly braided, of uniform size and texture and tremendously strong for its size. Put up in coils of 25 yards each, four connected.

Size	25 yds.	100 yds.
4E4864 Size 3 to 6	.....¢ \$ .25	¢ \$.90
4E4865 Size 2	.....¢ .30	¢ 1.00
4E4866 Size 1	.....¢ .30	¢ 1.15
4E4867 Size 1-0	.....¢ .35	¢ 1.25
4E4868 Size 2-0	.....¢ .40	¢ 1.50
4E4869 Size 3-0	.....¢ .50	¢ 1.75

BRAIDED "SEA ISLAND" COTTON LINES

Sea Island cotton is the longest staple cotton grown and makes the strongest cotton line. Put up in "hanks" of 84 feet, two connected.

3E4873 Size 6, 5, 4, 3, 2	.....15c per hank
Size 1-0	.....20c per hank
Size 2-0 3-0	.....25c per hank

BRAIDED COD LINES

Braided cod lines (coils of 150 ft., 2 connected). The correct size to use when hand trolling for bluefish.

3E3996 Per coil \$.75
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"MOHEGAN" WIRE TROLLING LINE

These lines have entirely replaced all others for deep lake trolling for such fish as lake trout, togue, etc. Their great advantage is that they require no lead or sinkers to take the line down to the required depth, unless exceptionally deep, and there is in consequence much less drag upon the line. Another thing in their favor is that the line is always rigid and as a fish must strike against a taut line he invariably hooks himself—there is no stretch or give as with linen or other lines. The "Mohegan" is made of fine bronzed wire, braided over a core of silk, and is very strong and will not rust. Put up in 50-yard spools, two or four spools connected.

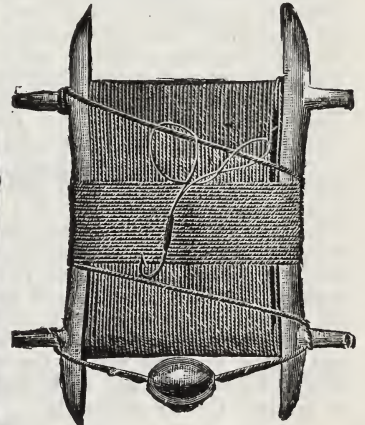
4E4860 Per spool, 50 yds.¢ \$ 1.25
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COPPER WIRE FOR TROLLING

Used largely for lake trout fishing. Highest grade copper wire.

4E4861 Regular size, spool of 500 feet	.....\$ 1.25
4E4862 Heavy size, spool of 350 feet	..... 1.50

FURNISHED LINES



Junior—15 feet of green line—adjustable ring—sinker snelled hook—wood float.

3E4551 5x1¼ inches, each \$ 1.10
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15 feet of braided silk line, double gut snelled hook—ringed sinker—hollow float—painted three colors.

3E4552 5x1¼ inches, each \$.25
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For flounders—25 feet of green line snelled hook—egg sinker.

3E4553 3¾x3¾ inches, each \$.05
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For flounders—same as above—50 ft. of heavier line and sinker.

3E4554 5x4½ inches, each \$ 1.10
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For black fish—60 feet of braided line—¼ lb. sinker—two Virginia hooks.

3E4555 5x6 inches \$.25
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"KINGFISHER" LINE DRESSING

For Oiled and Enameled Lines

Lines treated now and then with this dressing will keep in perfect condition for years, even when in everyday use, and we recommend its use regularly on all oiled or enameled lines.

Put up in handy screw-top cans. Full directions for using on each can.

3E3541¢ \$.25
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TWISTED LINES

The sizes by which these lines are known differ from all other lines and indicate the number of threads used in their construction. For instance, size 36 is twisted from 36 threads of uniform thickness and strength and all the others are made in proportion. The illustration shows their relative thickness.



"REX" TWISTED LINEN LINES
For Tarpon, Bass and Tuna

We offer this line with our unqualified guarantee behind it as the very finest and best line of its kind. Hand laid entire and made from the finest Irish flax procurable. Warranted smooth and strong. The twist in this line is laid so tight it is almost impossible to upset and for casting from the reel through the surf, bluefishing, etc., it is absolutely unexcelled. This is the famous line of the "Three-Six" and "Light Tackle" clubs and cannot be equalled for strength, smoothness and finish. No sizing, dye or filling of any kind is used and all sizes are made from standard No. 50 thread.

Guaranteed to test over two pounds pull per thread. These lines, as with all twisted lines, should be "set" before using. This is done by thoroughly soaking the line, stretching it taut and allowing to dry, which serves to even its strength and also renders it less liable to kink or upset. Size 18 is standard tarpon line and size 21 the regulation tuna line, though lighter lines are used. Colors: Natural Flax or Green. Put up on spools.

Threads	50 yds.	100 yds.	200 yds.	300 yds.
4E4883 6.....	\$.60	\$1.20	\$2.40	\$3.90
4E4884 9.....	.65	1.30	2.60	4.25
4E4885 12.....	.70	1.40	2.80	4.50
4E4886 15.....		1.50	3.00	4.75
4E4887 18.....		1.65	3.30	5.00
4E4888 21.....		1.75	3.50	5.25
4E4889 24.....		1.80	3.60	5.50
4E4890 27.....		1.85	3.75	6.00
4E4891 30.....		1.95	3.90	6.25
4E4892 36.....		2.10	4.20	6.50
4E4984 39.....				7.25

☞—Above lines delivered free in the United States.

REX "27 SPECIAL" SURF CASTING LINE

This is a special line made of 27 threads of very fine yarn, and is no larger than the regular 15 thread size. It is harder laid than the regular reel line and has no starch, glue, wax or sizing of any kind on it. The lay has been set and the line is ready for use. Guaranteed to test 35 lbs. Colors, white or green.

4E4893 100 yards, 27 thread.....	☞	\$1.65
4E4894 200 yards, 27 thread.....	☞	3.25
4E4895 300 yards, 27 thread.....	☞	5.25
Smaller size suitable for weak and bonefish.		
4E4850 100 yds.	☞	\$1.50
4E4851 200 yds.	☞	3.00
4E4852 300 yds.	☞	4.75

"A. & F. CUTTYHUNK" LINE

A twisted linen line, made from good quality flax and an excellent line for general use at a moderate price. Smooth, strong and uniform. Warranted free from sizing and dye, finished in natural color, and will be found perfectly satisfactory for ordinary use. Put up on spools.

		50 yds.	100 yds.
4E4903 Size 9.....	\$.45	\$.90	\$1.80
4E4904 Size 12.....	.50	1.00	2.00
4E4905 Size 15.....	.55	1.10	2.20
4E4906 Size 18.....	.60	1.20	2.40
4E4907 Size 21.....	.70	1.40	2.80

☞—Above lines delivered free in United States.

"SHARK" FISHING LINE

Special grade of 1/4-inch twisted cotton line with ends whipped. Put up in coils.

4E4907 100 yards	\$2.25
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Longer lines furnished at 2 1/4c per yard.

TWISTED COTTON LINES

A good, strong line for use as light hand line with cane poles for "spatting" or "skittering" and for rigging up pickerel traps for fishing through the ice. Put up in hanks of 50 feet.

3E4908 Size 9. Per hank.....	☞	\$.10
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THUMB-STALL AND HARNESS



This unique little device should appeal to all fishermen using the thumb-stall, especially for heavy sea-fishing and surf-casting. It holds the stall snugly, preventing it from working loose and running in the reel. Made of soft, waterproof leather, fastening with small strap and buckle. Very light and comfortable and is adjusted to any size wrist or length of finger.

3E3311 Harness complete	☞	\$.35
3E3309 Thumb-stalls only. Each.....	☞	.10
Per dozen	☞	1.00

WOODEN LINE REELS



The only safe and proper way to keep enamel lines when not in use. Such lines, if left upon the fishing reels, are very apt to sweat, stick and rot. If they are

kept on these wood spools this trouble is obviated and the lines keep straight and free from kinks. For this reason they are invaluable to tournament casters. Made of light, tough wood.

3E3288 Diameter 8 inches.....	\$.50
3E3289 5-inch size to nest inside of above..	.50

KNOTS YOU SHOULD KNOW

We are often asked what is the best way to tie a floating fly to a leader, and what is the best knot to use when making leaders. The following instructions accompanied by illustrations show the knots commonly used in tying eyed flies, leaders and lines to leaders. A little practice will give you the needed skill to make these knots and they will be found a great help in mounting your tackle properly.

The "Turtle Knot" Attachment For Eyed Trout Flies

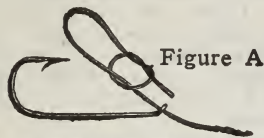


Figure A

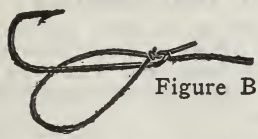


Figure B

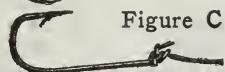


Figure C

Pass the end of gut through the eye of hook, then make a running noose or slip-knot as Figure A, then draw the knot tight and pass the loop over the hook and wings of fly as Figure B. Then draw the loop tight around head of fly, as Figure C, cut off the spare end of gut, and knot is complete.

The Jam Knot Attachment for Eyed Trout Flies



Pass the end of gut through the eye of the hook, bend it back and make a loop or slip-knot on the gut; draw the knot tight and slide up tight to the hook and cut off the superfluous gut end.



Figure G

Proper Knot for End of Leader
Make a double loop around the piece of gut as in Figure G.



Figure H

Pass the end of gut between the loops as in Figure H.



Figure I

Pull the upper loop through the lower, and pull up tight as in Figure I. Cut off the superfluous gut and, if you have followed instructions closely, you have a loop that pulls straight, will not cut and lies flat.



Figure J

Figure J shows ordinary fisherman's knot which is made by passing the line through the loop of leader, then around the loop and between the loop and the line, so when line is pulled it will jam.



Figure K

Figure K shows variation of J made by passing the end of the line back through the loop instead of jamming between loop and rest of line.



Figure L

Figure L shows the figure eight knot which is used to fasten line to leader, also used to fasten eyed salmon flies to gut. Proceed as Figure J, then instead of jamming the line on the end pass the end round the line back through the loop to form figure eight and pull tight.

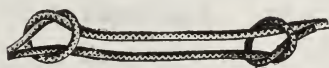


Figure M

Figure M shows single water knot used in tying leaders: lay the two strands overlapping, make a single slip-knot around each with the end of the other, pull tight and cut off superfluous ends of gut.

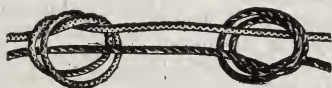


Figure N

Figure N shows double water knot, proceed as Figure M, but make two turns of gut instead of one before passing end through the loop to form slip-knot.



Figure O

Figure O, method of fastening fly with gut loop to leader having no loop.



Figure P

Figure P shows method of tying a strand of gut on a leader for dropper loop.



Figure Q

Figure Q is Figure P pulled tight.



Figure R

Figures R, S, T, and U show the different stages of the barrel knot; to tie Figure R, lay the two strands of gut over-lapping.



Figure S

Figure S, take one end and make two turns around the other which come back over the one you are working with; pass the end of the gut between the two pieces.



Figure T

Figure T, doing the same with the end of the other strand and pass it between the two strands in the opposite direction; then



Figure U

Figure U, pull up the knot, being very careful that the turns around the gut lie very snug, regular and close, then cut off the ends.

LEADERS

A. & F. HIGHEST QUALITY

Mist Colored Silkworm Gut

The very finest quality imported stock, great care being taken in the selection.

All our leaders may be had with or without loops, as desired, but unless specified we will send loops.

Salmon Leaders—Single Gut

We use nothing but fresh, imported stock and all are tied with extra long end loops. Every leader is carefully tested and warranted perfect.

Regular stock is all in 3-yard lengths, but we will tie shorter or longer lengths to order at proportionate prices.

	Style	Grade	Each	Doz.
3E3580	A. S.	Light.....	\$1.50	\$15.00
3E3581	B. S.	Medium.....	2.00	20.00
3E3582	C. S.	Heavy.....	2.50	25.00
3E3585	F. S.	Heaviest Imperial..	6.50	60.00

**Trout and Bass Leaders—Single Gut
3 Feet Long**

	Style	For Flies Nos.	Each	Doz.
3E3586	A	Light Trout... 12 to 16	\$.15	\$1.50
3E3587	B	Regular Trout .....8-10	.20	2.00
3E3588	C	Heavy Trout.....4-8	.25	2.50
3E3589	D	Extra Heavy or Bass 1/0 to 6.....	.35	3.50

6 Feet Long

3E3591	X	Extra Lt. Trout....14+16	\$.35	\$3.50
3E3592	A	Light Trout .....12-16	.25	2.50
3E3593	B	Regular Trout .....8-10	.30	3.00
3E3594	C	Heavy Trout .....4-6-8	.45	4.50
3E3595	D	Extra Hvy. or Bass 1/0-6	.75	7.50

9 Feet Long

3E3597	X	Extra Light Trout.....	\$.50	\$5.00
3E3598	A	Light Trout.....	.40	4.00
3E3599	B	Regular Trout.....	.45	4.50
3E3600	C	Heavy Trout.....	.65	6.50
3E3601	D	Extra Heavy or Bass....	1.00	10.00

**Tapered Leaders for Dry Flies
No Dropper Loops**

6 Feet Long

	Style	Each	Doz.
3E3602	M.	Tapers from regular trout to light trout.....	\$.30 \$3.00
3E3603	N.	Tapers from heavy trout to extra light trout.....	.30 3.00
3E3781	O.	Tapered from medium trout to fine drawn gut.....	.35 3.50

9 Feet Long

3E3604	M.	Tapers from regular trout to light trout.....	\$.45 \$4.50
3E3605	N.	Tapers from heavy trout to extra light trout.....	.45 4.50
3E3782	O.	Tapered from medium trout to fine drawn gut.....	.50 5.00

THE NEW "ZEPHYR" LEADER

After years of experiment a method has at last been discovered whereby it is possible to produce strands of the most *perfect gut three feet in length!* Mist color. For use with No. 12 to 16 flies.

	Each	Doz.
3E3606	6 feet	\$.65 \$6.50
3E3607	9 feet	1.00 10.00

NOTE:—Not less than 1/2 doz. leaders sold at the dozen prices. All of the above leaders delivered free in the U. S.

A. & F. TROLLING LEADERS AND TRACES

Highest Quality

3 Feet Long

	Style	Each	Doz.
3E3608	A. T.	Double Gut	\$.25 \$2.50
3E3609	B. T.	Twisted Treble Gut— 1 swivel .....	.35 3.50
3E3610	D. T.	6-ply Cable Gut — lashed ends.....	.30 3.25
6 Feet Long			
3E3611	A. T.	Double Gut	\$.50 \$5.00
3E3612	C. T.	Twisted Treble Gut— 2 swivels .....	.75 7.50

A. & F. "BULL DOG" TRACES

Made of manufactured gut, a good, strong trace for trolling and heavy fishing at a moderate price. Mist color, with extra large end loops for use with baits and spoons. Made in one length with no knots. All 3 feet long.

	Each	Doz.
3E3640	Light Cable Twist.....	\$.35 \$3.50
3E3641	Heavy Cable Twist.....	.50 5.00

STANDARD QUALITY LEADERS

Salmon Leaders—Mist Color

3 Feet Long

	Style	Each	Doz.
3E3618	1	Light	\$.25 \$2.50
6 Feet Long			
3E3619	1	Light	\$.50 \$5.00
9 Feet Long			
3E3620	1	Light	\$.75 \$7.50
3E3621	2	Heavy	1.25 12.00
3E3622	3	Heaviest Imperial	3.50 36.00

**Trout and Bass Leaders—Mist Colored
3 Feet Long**

3E3623	A. O.	Light Trout	\$.08 \$.75
3E3624	B. O.	Medium Trout.....	.10 1.00
3E3625	C. O.	Heavy Trout .....	.15 1.50
3E3626	D. O.	Bass .....	.20 2.00

6 Feet Long

3E3627	A. O.	Light Trout	\$.15 \$1.50
3E3628	B. O.	Medium Trout .....	.20 2.00
3E3629	C. O.	Heavy Trout .....	.30 3.00
3E3630	D. O.	Bass .....	.40 4.00

Trolling and Salt-Water Leaders

3E3631	G. T.	Double Gut, 3 ft. long	\$.15 \$1.50
3E3632	G. T.	Double Gut, 6 ft. long .....	.25 2.50
3E3633	H. T.	3-Ply Twisted Extra Stout Gut Trace, with two swivels, 3-ft. long	.20 2.00
3E3634	J. T.	6-ply Twisted Leaders, 2 feet long.....	.15 1.50
4E3698	K. T.	6-ply cable, 1 ft. long	.10 1.00

I. T. Extra Stout, 3-ply, soft hand twisted leaders are carried in four lengths as follows:

3E3635	12 inches long.....	\$.08 \$.75
3E3636	18 inches long.....	.10 1.00
3E3637	24 inches long.....	.12 1.25
3E3639	36 inches long.....	.18 1.75

"SAFETY" CAST OR LEADER CASE

Made of fine English pigskin with lining and three inner pockets of non-deleterious chamois. Leather contains an ingredient which has the peculiar property of preserving silkworm gut. Size, 5x4 1/2 inches.



4E3350	\$2.25
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SILK WORM GUT

Very Finest Quality Imported

Put up in Hanks of 25 Strands.

The average angler is not aware of the vast difference in quality and cost of imported gut and of the fact that it is often extremely difficult to procure the first quality. Our gut is all hand polished and carefully selected, which naturally adds to the cost, but the benefit to the user is more than commensurate with the price. For the greater convenience of anglers, we are now putting up our gut in hanks of 25 strands.

SELECTED STAINED GUT

Mist Color

	Length in inches	14	15	16	17	18
3E3661	Light Trout.....		\$.50	\$.55	\$.65	\$.75
3E3662	Medium Trout:..\$.35	.40	.50	.65	.75	
3E3663	Heavy Trout.....	.35	.45	.50		
	Length in inches	10	12	13	14	15
3E3664	Regular Bass.....		\$.40	\$.45	\$.50	\$.65
3E3665	Heavy Bass.....		.55	.60	.65	.85
3E3666	Ex. Heavy Bass..\$1.00	1.10	1.15	1.25	1.50	
3E3667	Medium Salmon... .85	1.35	2.25	2.75		
3E3668	Heavy Salmon... 1.50	2.00	3.50			

DRAWN GUT

Stained and Selected

	Length in inches	15	16	17	18	20
3E3669	Spec. Ex. Light..	\$.60	.85	1.00	1.50	
3E3670	Very Light.....\$.40	.50	.65	.85	1.25	
3E3671	Medium Light....	.40	.45	.50	.75	
3E3672	Light.....	.45	.55	.65		
3E3673	Medium.....	.60	.75			

In ordering gut state the length desired. All above Gut delivered free anywhere in the U. S.

"ZEPHYR" SILK WORM GUT

The same from which we make our famous "Zephyr" Leaders. All strands are 36 inches long and warranted perfect. Stained mist color. Hanks of 25 strands.

3E3660	\$.30
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TIPPETTS—OR LOOPED GUT ENDS

Mist Color

To use with dry flies or for snelling. Best quality Gut. Prices per dozen:

6 inches		10 inches	
3E3613	\$.20 Very Light	3E4967	.....\$.25
3E3614	.15 Light	3E4968	..... .20
3E3615	.15 Medium	3E4969	..... .20
3E3616	.20 Heavy	3E4970	..... .25
3E3617	.25 Extra Heavy	3E4971	..... .30

ENGLISH TWISTED STEEL LEADERS

Made from the finest steel, amalgamated and silver plated. They possess enormous strength—and are as flexible as heavy gut. They are very light in weight and can be used in any style of fishing. It is ideal for such fishing as muscullonge, pike, pickerel, and all fish which are likely to cut or "strip" a line. Fitted with bronze swivels and clew springs.

	Each	Doz.
3E3650	8 inches.....	\$.25 \$2.75
3E3651	12 inches.....	.35 3.75
3E3652	18 inches.....	.50 5.50
3E3653	36 inches.....	.75 8.00

"WIRE LEADERS"

For Trolling and Casting

Styles 1 and 2 are for Pickerel and Muscullonge. E. T. leaders are for saltwater fishing.

The Tarpon and Tuna leaders for all kinds of heavy trolling. They are made of heavy wire and have large swivels.

	Style.	Each.	Doz.
3E3642	1 3 ft.; swivel at each end	\$.10	\$1.00
3E3643	2 6 ft.; swivel each end and in center.....	.25	2.50
3E3646	E. T. 3 ft.; bronze wire, rust proof—2 swivels and link.....	.10	1.00
3E3647	E. T. H. Same as E. T., extra heavy.....	.20	2.00
3E3648	E. T. L. Same as E. T., 10 in. for surf casting....	.10	1.00
3E3649	E. T. H. L. Same as E. T. H.; 10 inches long for surf casting.....	.20	2.00
3E3351	Tarpon and Tuna, 6 ft.....	.60	6.00

"PIKOMUSKE LEADERS"

For Muscullonge, Pike and Lake Trout

Made of flexible phosphor bronze wire. Light and strong, with swivel and long loop at one end for convenience in changing hooks, spinners, etc.

3E3644	12 inches long.....	\$.15
3E3645	54 inches long.....	.40

STRAIGHTENED WIRE FOR LEADERS

Put up in packages of 1 dozen strands.

Light Weight, 39 inches long

4E3654	Steel (tinned).....	\$.20
4E3655	Bronze (rust proof).....	.25

Medium Weight, 39 inches long

4E3656	Steel (tinned).....	.25
4E3657	Bronze (rust proof).....	.30

Heavy Weight, 75 inches long

4E3658	Steel (tinned).....	.50
4E3659	Bronze (rust proof).....	.60

"JEWEL" LEADER BOXES

Made of solid copper, heavily oxidized in black on the outside and lined with white enamel. Has protecting flange around top to prevent leaders being accidentally withdrawn or spilled out. Fitted with extra quality absorbent felt pads with lifting button. Diameter, 4 inches— $\frac{1}{8}$ inch thick.

4E3346	.....	\$.10
3E3347	Same style as above, made of aluminum.....	\$.35



NOTE:—Not less than $\frac{1}{2}$ doz. Leaders sold at dozen prices. All leaders delivered free in the United States.

FLIES AND THEIR USE

How many times have fishermen discussed the merits of one fly as against another?

We all know, however, by experience, that there are times, localities or conditions which affect the result. At evening around the fire it is discovered by two fishermen having fished the same stream.

One returns with a full creel, while the other declares there are no fish in the brook, and then it transpires that the successful Nimrod had all his luck on a little black gnat, while the other used every bright colored fly he had in his book. Certain it is, there are a few points in regard to fly fishing that may justly be observed.

First—If one fishes in no fixed locality, a well-stocked fly book, containing many varieties and of various sizes, is most desirable.

Second—If it is a bright day and the water is clear, select dark flies of small size. If a dark day and the water brown in color, take a larger fly and more gaudy in hue.

Being practical anglers ourselves and familiar with the various styles of fishing in vogue in different parts of the country and abroad, as well as the proper tackle and equipment required, we are in a position to advise and assist patrons outfitting for strange waters, which we shall be most pleased to do at all times. The illustration represents a few of the sizes carried regularly and following is a list of our stock patterns:

- | | | |
|-----------------|--------------------|---------------------|
| Alexandria | Caddis | Queen of Waters |
| Alder | Evening Dun | Quaker |
| Abbey | *Ferguson | *Red Ibis |
| *Babcock | Grey Fox | Red Spinner |
| *Bloody Butcher | Grey Hackle | Red Hackle |
| Black Drake | Grey Hackle | Red Ant |
| Black Gnat | (Red Body) | Red Tag |
| Black Hackle | Grey Drake | Rube Wood |
| Black Palmer | Grey Palmer | *Royal Coachman |
| Black Ant | Green Drake | *Seth Green |
| Brown Hackle | Golden Spinner | *Silver Doctor |
| Brown Hackle | Gordon | Silver Dun |
| (Red Body) | *Grizzly King | Stone Fly |
| *Brown Hackle | Gold Stork | *Sassycat |
| (Yellow Body) | Hare's Ear | *White Tip Montreal |
| *Brown Palmer | Jenny Lind | White Miller |
| Brown Ant | Lead Wing Gnat | White Moth |
| Beaverkill | Lead Wing Coachman | Willow |
| Blue Bottle | *Little Injun | *Wickham's Fancy |
| *Bee | *Montreal | *Yellow Coachman |
| Cahill | March Brown | Yellow Professor |
| Catskill | Orange Spinner | *Yellow Sally |
| *Coachman | *Oriole | *Yellow May |
| Canada | Parmachenee Belle | Zulu |
| Cowdung | *Professor | |

Patterns Marked (*) Considered Good for Bass Are Carried in Stock in Sizes 1/0, 1, 2, 4, 6, 8, 10, 12, 14, 16

The other patterns are for trout mostly, and we carry them in stock on hooks, sizes 6, 8, 10, 12, 14, 16.

Jungle Cock wings on all flies supplied to order, 50 cents per dozen extra. Special patterns tied to order at short notice, in lots of not less than one-half dozen of a size and pattern.

Regular Snelled Flies

Sizes 14 to 8.	Single Snell.	Per dozen	.....	Ⓖ	\$1.25
Sizes 6 to 4.	Single Snell, with "helper."	Per dozen	.....	Ⓖ	1.75
Sizes 2 to 1-0.	Single Snell, with "helper."	Per dozen	.....	Ⓖ	2.00

FANCY FLIES

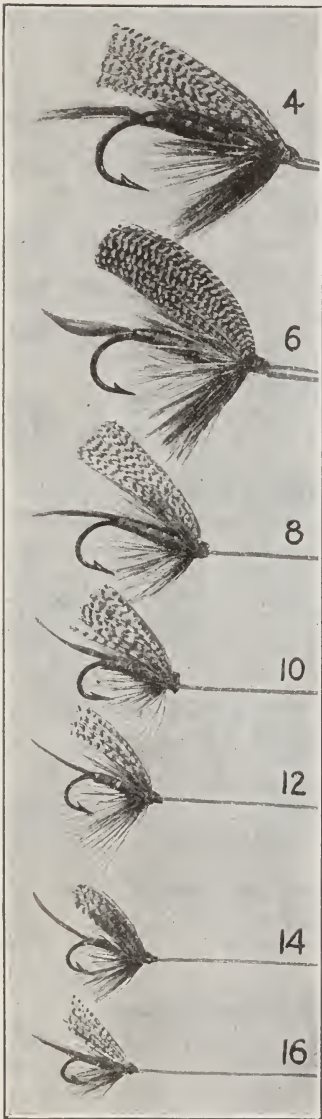
For Lake, Grilse and Salmon Fishing

These flies cost more than our regular grade of flies, because the majority have Jungle Cock wings; fancy and better grade of feathers are used. The feathers are all selected and extra care is taken in tying them. These flies are considered much more attractive and better killers.

LIST OF PATTERNS CARRIED IN STOCK

- | | |
|------------------|----------------------|
| Belgrade | Jock Scott |
| Blue Jay | Jungle Cock |
| Col. Fuller | Lord Baltimore |
| Dr. Breck | Silver Doctor |
| Dr. Johnson | Professor |
| Dusty Miller | Red Ibis—Silver body |
| Fairy | White Tip Montreal |
| Parmachenee Beau | Whiskers |

Tied on Sproat Hooks, sizes 4-6-8, with helpers. Per dozen.....Ⓖ \$2.00



Cut Shows Exact Sizes

SILVER BODY FLIES

With Non-Tarnishing Bodies

Carried in stock in the following patterns, sizes 8, 10 and 12.

Montreal, Parmachenee Belle, Coachman, Grey Hackle, Little Injun, Professor, Ibis, Col. Fuller, Black Prince, White Tip Montreal, Quaker, Cahill. Any patterns tied to order in lots of one-half dozen of a size and pattern and at same prices, except for larger sizes and special patterns.

Price per dozen.....Ⓖ \$1.25

RINGED FLIES

For use with fly spinners, spoons, trolling, etc. Tied on neck hooks, sizes 2-0, 2, 8, in following patterns:

Parmachenee Belle, Scarlet Ibis, Royal Coachman. Per dozen.....Ⓖ \$1.50

ENGLISH FLOATING FLIES

For Dry Fly Fishing



Our flies are all tied abroad on turn-down eyed sneak hooks with double split wings (four feathers being used to make the wings) and very full hackles. This makes the flies float perfectly.

- Apple Green Catskill
- Beaverkill Coachman
- Black Gnat Cowdung
- Brown Palmer Downlooker
- Caddis Evening Dun
- Cahill Ginger Quill

- | | | |
|------------------|-------------------|----------------|
| Gray Drake | Olive Dun | Rube Wood |
| Gray Hackle | Olive Gnat | Silver Sedge |
| Greenwells Glory | Parmachenee Belle | Stone |
| Grizzly King | Professor | Whirling Dun |
| Hare's Ear | Queen of Waters | White Miller |
| Iron Blue Dun | Red Quill | Wickhams Fancy |
| March Brown | Red Spinner | Willow |
| Montreal | Royal Coachman | Yellow May |
- Without Snells, Nos. 6 and 8.....Per doz. **4E \$1.50**
 Without Snells, Nos. 10, 12 and 14 Per doz. **4E \$1.25**
 With Snells, Nos. 6 and 8.....Per doz. **4E \$1.75**
 With Snells, Nos. 10, 12 and 14 Per doz. **4E \$1.50**

SPECIAL FLOATING FLIES

The following are the "New Series" Dry Flies, as described by F. M. Halford in his book, "Modern Development of the Dry Fly." All patterns are tied on turn-down eyed Sneek hooks.

- | | |
|---------------------------|---------------------------|
| No. | No. |
| 1 Green May Male | 17 Pale W'try Spin'r Fle. |
| 2 Green May Female | 18 Iron Blue Dun Male |
| 3 Brown May Male | 19 Iron Blue Dun Female |
| 4 Brown May Female | 20 Iron Blue Spin'r Male |
| 5 Spent Gnat Male | 21 Iron Blue Sp'r Female |
| 6 Spent Gnat Female | 22 Blue Wing Olive Male |
| 7 Olive Dun Male | 23 Blue Wing Olive F'le. |
| 8 Olive Dun Female | 24 Sherry Spinner Male |
| 9 Dark Olive Dun Male | 25 Sherry Spinner Female |
| 10 Dark Olive Dun F'le. | 26 Black Gnat Male |
| 11 Olive Spinner Male | 27 Black Gnat Female |
| 12 Olive Spinner Female | 28 Brown Ant |
| 13 Olive Red Spinner | 29 Welchman's But'n Male |
| 14 Pale W'try Dun Male | 30 Welchman's B'tn F'le. |
| 15 Pale W'try Dun F'le. | 31 Small Dark Sedge |
| 16 Pale W'try Sp'n'r Male | 32 Cinnamon Sedge |

Patterns Nos. 1 to 6, tied on No. 12 hook.
 Per dozen.....**4E \$2.00**
 All other patterns tied on Nos. 12 and 15 hooks. Per dozen..... **4E \$1.25**

ENGLISH FLOATING FLIES

For Bass

No 2 turn-down eyed Sneek hooks, with very full bodies and hackles for bass fishing.
 Parmachenee Belle Royal Coachman Brown Palmer
 White Tip Mont'l Ferguson Alder
 Per dozen.....**4E \$2.25**

SPECIAL SOUTHERN FLIES

For fishing in Southern waters for sea trout, channel bass, tarpon, etc. Tied on extra quality, hand-forged O'Shaughnessy hooks with twisted gut loops, in the following patterns:

- | | | |
|--------------------|---------------|--------------|
| Parmachenee Belle | Silver Doctor | Col. Hopkins |
| Silver Jungle Cock | Alexandria | Sassycat |
| Homosassa | Ferguson | |
| Royal Coachman | Cracker | |
- Size, 5-0.....Per dozen **4E \$5.00**
 Size, 1-0.....Per dozen **4E \$3.50**
 Col. Hopkins, sizes 1-0 and 5-0..Per dozen **4E \$5.00**
 Homosassa, sizes 1-0 and 5-0..Per dozen **4E \$5.00**

"FLOATUM" DRY-FLY OIL

The very finest preparation of the kind for waterproofing dry flies.

3E3530 Per bottle**4E \$.25**

DRY FLY BOTTLE

A neat, handy and practical device for the dry-fly fisherman. Bottle is fitted with brush and wood-topped stopper in one piece, secured by pig-skin strap and snap-button. A second strap has buttonhole which is slipped over the coat button and so carried always convenient.

4E3532**4E \$.40**

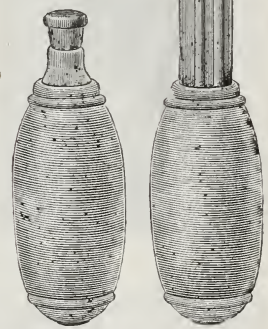


POCKET DRY FLY VAPORIZERS

The right size for the pocket. Well protected when closed. When using, hold the bulb firmly and press the metal valve until you can catch the glass container and pull it in place.

3F3319 Length, 3 inches... **\$.75**

4E3380 As above with Cuttyhunk green mesh cover and loop to hang on coat button **4E \$1.50**



"ADAMS" FLOATING BUG



Mr. L. B. Adams, of New York, who is the originator of this killing fly for bass and large trout, has had wonderful success, having caught more than 50 bass in one day and killed as many as 150 bass on the same bug.

Our patterns are all made from samples of and approved by Mr. Adams, both as to material and method of tying. To get the best results do not move it after it strikes the water; wait four or five seconds and make another cast if you do not get a strike. We use fancy feathers and tie them in the most durable way on well-finished cork bodies, reinforced snells.

3E3313**4E \$.30**

"ROOSTERS REGRET" FLIES



This fly looks very much like a smelt, which salmon and large trout feed on after the ice leaves the lakes in the spring. It is a good killer for these fish and bass also. It should be cast and then drawn through the water in short, quick jerks to imitate a small fish when swimming.

Hooks are No. 2 and No. 8 sproat, tied to reinforced gut snells.
3E3316 Per dozen**4E \$2.50**

BUCKTAIL BASS FLIES

Wings and hackles made from the hair of a buck's tail. Tied on best hollow-point sroat hooks, snelled with helpers, sizes 2, 4 and 6 in the following patterns: Buck King Buck Doe Princess Fawn Fawn Queen Doe Any pattern and size. Per dozen.....**\$1.20**



LOOPED FLIES

A fine style of fly and much used for salmon, bass, large trout, and all heavy fishing—also for fly spoons, spinners, etc. Beautifully tied on sroat hooks with twisted gut loops.

The following patterns carried in stock:

- B. Pond
- Bee
- Belgrade
- Benny
- Bloody Butcher

- Brownie
- Brown Palmer
- Ferguson
- Gold Stork
- Ibis, J. C.
- Jenny Lind
- Jungle Cock
- Little Injun
- Lord Baltimore
- Monk
- Montreat
- Sassycat
- Parmachenee
- Parmachenee B'le
- Professor
- Queen of Waters
- Royal Coachman
- Seth Green
- Silver Doctor
- Wh. Tip Montreat
- Beau Wickham's Fancy
- Yellow Sally

(Any pattern tied to order.)

Sizes, 6, 4, 2. Per dozen.....**\$2.00**
 Sizes, 1 to 1-0. Per dozen.....**2.50**

We believe this style fly, with the twisted gut loops, superior to the eyed fly for the reason that leaders are more easily adjusted and there is no danger of the hook rusting and injuring the leader. For those who prefer the eyed fly, however, we will so tie them to order, in lots of one-half dozen, of a size and kind, at same prices.

SPECIAL GRADE LOOPED FLIES



We have developed this superb line of flies to meet the wants of those desiring an extra fine fly.

They are all handsome, "showy" patterns and have proved great "killers" for large trout bass, and salmon. Tied on finest quality sroat hooks, with twisted gut loops. The following patterns carried in stock:

- Blue Jay
- Cheney
- Cracker
- Fiery Brown
- Golden Pheasant
- Golden Rod
- Grasshopper

Sizes, 8 to 1. Per dozen.....**\$3.00**
 Tomah Joe, sizes 2 to 8. Per dozen.....**3.50**
 Col. Hopkins, all sizes. Per dozen.....**5.00**

SALMON FLIES

The hooks are the best quality made, each one carefully tested, and no expense is spared in either material or making in order to produce the finest possible line of flies. They are very strongly made and the bodies and dressings of these flies will not strip or twist off. The loops are of very best hard twisted gut and are made extra long in order to facilitate the attaching of leaders.



DOUBLE HOOK SALMON FLIES
 With Twisted Gut Loops

	Size 1	2	4	6	8
	Each	Each	Each	Each	Each
Black Doctor.....	¢.75	¢.65	¢.60	¢.55	¢.50
Black Dose.....	¢.70	.60	.55	.50	.45
Butcher.....	¢.70	.60	.55	.50	.45
Durham Ranger.....	¢.70	.60	.55	.50	.45
Dusty Miller.....	¢.70	.60	.55	.50	.45
Fairy.....	¢.40	.35	.30	.25	.25
Fiery Brown.....	¢.60	.55	.50	.45	.40
Jock Scott.....	¢.75	.65	.60	.55	.50
Mitchell.....	¢.75	.65	.60	.55	.50
Night Hawk.....	¢.75	.65	.60	.55	.50
President.....	¢.70	.60	.55	.50	.45
Silver Doctor.....	¢.70	.60	.55	.50	.45
Silver Grey.....	¢.70	.60	.55	.50	.45
Thunder and Lightning	¢.70	.60	.55	.50	.45

SINGLE HOOK SALMON FLIES
 With Twisted Gut Loops

While the double hook is the American favorite for Salmon fishing, and may be called the standard, the single hook is the English favorite, and is also preferred by many of our anglers, especially for fishing in rough streams or in very "high water."

Patterns in Stock

	No. 1-0	1	2	4	6	8
	Each	Each	Each	Each	Each	Each
Black Doctor.....	¢.70	¢.65	¢.60	¢.55	¢.55	¢.50
Black Dose.....	¢.60	.55	.50	.45	.45	.40
Butcher.....	¢.60	.55	.50	.50	.45	.45
Durham Ranger.....	¢.60	.55	.50	.50	.45	.45
Dusty Miller.....	¢.60	.55	.50	.50	.45	.45
Fairy.....	¢.35	.30	.30	.25	.20	.20
Fiery Brown.....	¢.50	.45	.40	.35	.35	.35
Jock Scott.....	¢.70	.65	.60	.55	.55	.50
Mitchell.....	¢.70	.65	.60	.55	.55	.50
Night Hawk.....	¢.70	.65	.60	.55	.55	.50
President.....	¢.65	.60	.55	.50	.45	.45
Silver Doctor.....	¢.65	.60	.55	.55	.50	.50
Silver Grey.....	¢.65	.60	.55	.55	.50	.50
Thunder & Lightning	¢.65	.60	.55	.55	.50	.50

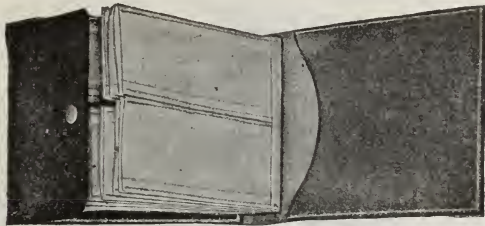
SNELLED SALMON FLIES
 Single Hook

Snelled with best salmon gut and whipped helpers. Largely used by experienced anglers for small salmon grilse, ouananichs and sea trout. We use in this grade only the very finest of natural feathers, fully dressed, on the best quality sroat hooks.

Patterns Carried in Stock

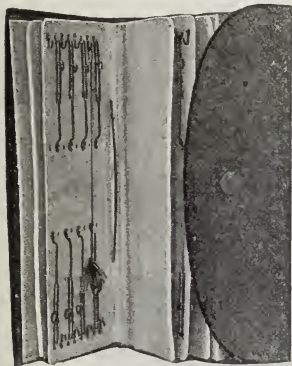
Jock Scott	Fairy	Black Dose	Silver Grey
Durham Ranger	Silver Doctor	Fiery Brown	
Per dozen Assorted.			
Size 2.....	¢ \$6.50	Size 4.....	¢ \$6.25
Size 6.....	¢ 5.75	Size 8.....	¢ 5.50

A. & F. FLY BOOKS



The book contains Zylonite transparent envelopes, which turn like leaves of a book and have open ends. Each envelope will hold a dozen flies and the book you select should have enough envelopes to hold all the styles of flies you carry. You can see each fly through the transparent Zylonite.

- 3E3324 Contains 24 envelopes, size of book, 6½ in. long, 5 in. wide, ⅝ in. thick **AC** \$4.00
- 3E3325 Contains 12 envelopes, size of book, 6 in. long, 2½ in. wide, ⅝ in. thick **AC** 2.50
- 3E3326 Contains 6 envelopes, size of book, 6 in. long, 2½ in. wide, ½ in. thick **AC** 1.50

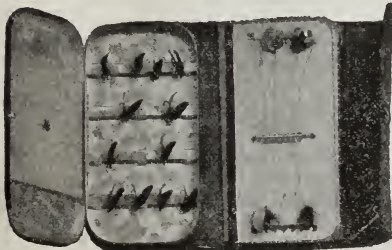


OUR PERFECT FLY BOOKS

In this book each fly is held separately by a clip and spring. This method of holding the flies also keeps the snells of the flies straight. Leaves in book made of best quality parchment paper. Books have felt pads between the leaves for drying flies and a pocket inside of cover for leaders, etc.

- 4E4649 Imitation seal grain cover, holding 48 flies; size, 7¼x4⅞ inches... **AC** \$5.00
- 4E4650 Genuine solid pigskin cover, holding 60 flies; size, 7¼x4½x1 inches... **AC** 6.00

THE ALL-AROUND FLY BOOK
For Wet and Dry Flies



the purpose of carrying eyed flies. The book also contains two celluloid leaves with spring attachments to carry four dozen gutted flies, each leaf having a drying pad.

- 4E3322 Size, 6½x3½ **AC** \$2.25

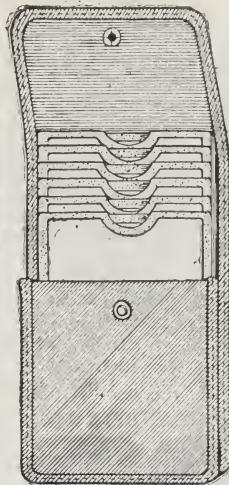
STOCK FLY BOOK

Pigskin Cover, 7¼ inches long, 4¼ inches wide, 1½ inches thick, with nickel clasp; has 8 pockets full width of page and 32 pockets one-half the width. The large pockets are for holding leaders, made-up casts, etc., the small pockets for holding flies at full length. The leaves are made of genuine parchment, and you can write on the outside of envelope the pattern which it contains.

- 3E4343 **AC** \$3.75

"BEAVERKILL" FLY BOOK

3⅝ inch x 6¼ inch



Made to carry from three to thirty-six dozen snelled flies; flies carried in visible pockets; easy to get at; light and durable.

The 24 and 36 envelope books have a strap and buckle and can be safely carried on the belt of basket sling. Back of envelopes made of celluloid and can be used for making memoranda.

- 4E3561 Imitation seal cover with 3 pockets \$.85
 - 4E3562 Pigskin cover with 6 envelopes 2.25
 - 3E3563 Pigskin cover with 12 envelopes 3.75
 - 3E3564 Pigskin cover with 18 envelopes..... 5.00
 - 3E3565 Pigskin cover with 24 envelopes..... 7.00
 - 3E3566 Pigskin cover with 36 envelopes..... 9.50
- Extra Envelopes**
- 3E3567 For seal cover, 12c. each, \$1.00 dozen
 - 3E3568 For pigskin cover, 25c. each, \$2.50 dozen

"REX" FLY BOOKS

In the "Rex" book the flies are held securely by slipping the point of hook under slotted bar and the snells in the spiral spring clips. The pages are of polished celluloid, held by patent hinges, and are interleaved with fine felt pads for quick drying of flies.



Vest Pocket Size—Holds 2 Dozen Flies

- 4E3312 Solid cowhide covers..... **AC** \$1.00
- 3E3314 Genuine Pigskin..... **AC** 2.25

Regular Books—2 Leather Pockets in Cover

- 3E3315 Solid cowhide covers; for 4 doz. flies **AC** \$1.50
- 3E3317 Genuine pigskin covers; for 4 doz. flies **AC** 3.00
- 3E3318 Solid cowhide covers; for 8 doz. flies **AC** 2.25
- 3E3320 Genuine pigskin covers; for 8 doz. flies **AC** 3.75
- 3E3321 Solid cowhide covers; for 12 doz. flies **AC** 2.50
- 3E3323 Genuine pigskin covers; for 12 doz. flies **AC** 4.50

"REX" HOOK BOOK

Made on the same principle as the "Rex" Fly Book but of a proper length for snelled hooks. Very convenient for the day's fishing as an assortment of different sizes may be handily carried in the pocket. Size, 10x2½ inches. Fitted with felt drying pads.

- 3E4280 Cowhide cover..... **AC** \$1.25

FLY BOXES

Improved "Parfait" Eyed Fly Boxes



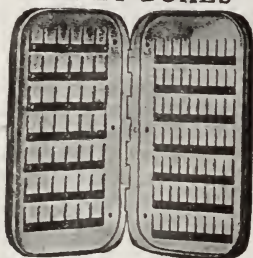
The handiest form of box in which to carry a generous assortment of flies, as quite a number may be placed in each space. Made of stiff aluminum alloy, satin finish. Have transparent lids that are fitted with springs and catches, so that when the catch is released the lid springs open.

- 3E3337 Style H. 6 inches long, 3 3/4 inches wide, 16 compartments.....**Ⓔ \$4.75**
- 4E3338 Style I. 4 3/4 inches long, 3 3/4 inches wide, 12 compartments.....**Ⓔ 3.50**

"AYANEFKO" PATENT FLY BOXES



Style A



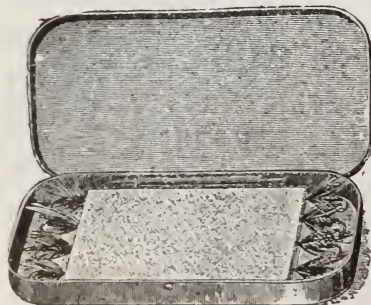
Style D

For use with eyed, dry, looped or salmon flies. Made from a special grade of aluminum alloy, hard and strong, finished in frosted silver. Lined with fine polished zylonite, which is much superior to enamel.

The covers are tight fitting, making the boxes moth-proof and moisture-proof, and the rust-proof clips are riveted to the zylonite lining instead of through the box. Much lighter than the old style boxes.

- 3E3332 Style A. 6 inches long. Fitted with grooved cork sheets for holding flies.....**Ⓔ \$2.50**
- 3E3333 Style B. 4 3/4 inches long. Holds 85 trout flies.....**Ⓔ 2.50**
- 3E3334 Style C. 4 3/4 inches long. Holds 24 salmon flies.....**Ⓔ 2.50**
- 3E3335 Style D. 6 inches long. Holds 119 trout flies.....**Ⓔ 3.00**
- 3E3336 Style E. 6 inches long. Holds 40 salmon flies.....**Ⓔ 3.00**

THE "DRY FLY" BOX



Made of aluminum, polished bright or black enameled 6 1/2 inches long, 3 3/4 inches wide, 1/2-inch deep and weighs but 2 oz. Fitted with slotted strip at each end and with felt pads. With it you can keep your flies dry and your snells wet, so that when a fly is changed the loop of the snell can be drawn down tightly on the leader at once.

- 4E4916 Either style**Ⓔ \$.50**

"PERFECTION" SALMON FLY CASES

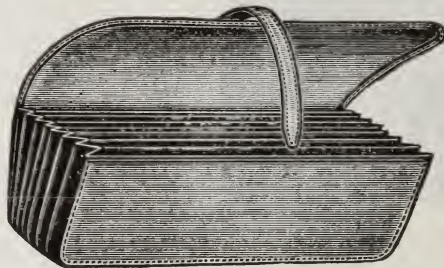


Outside case is English crinkled cowhide, hand sewed. Lined with anti-moth leather and has silica writing tablet in lid. Inner cases made of fine red cedar with two folding leaves and one sliding panel of zylonite (moth-proof), fitted with rustproof fly clips.

For single hook flies both leaves and panel are used, but for double hook patterns the sliding panel, held by a catch, is removed to prevent hooks locking.

	Style	Inner Cases	Holds	
3E4289	2	2	160 flies.....	Ⓔ \$10.00
3E4290	3	3	240 flies.....	Ⓔ 12.50
3E4291	4	4	320 flies.....	Ⓔ 15.00

TACKLE BOOKS



- 3E4282 Fine quality orange leather. Well lined and with bound edges. 10 1/2 inches long. Has 7 pockets. Secured with strap and loop.....**Ⓔ \$3.00**
- 4E4283 Fine English pigskin, 10 inches long, 3 1/2 inches wide. 7 pockets. Best made, has strap and buckle.....**Ⓔ 4.00**
- 3E4284 Good quality leather. Lined and bound edges. 10 inches long, 3 1/2 inches wide. Has 7 pockets.....**Ⓔ 1.75**
- 3E4287 Waterproof enamel duck with glove snap. 10 inches long. Four pockets.....**Ⓔ .50**
- 3E4288 Waterproof enamel duck with glove snap. 12 inches long. Four pockets.....**Ⓔ .50**

MALLOCH PATENT FLY BOX

8x5x1 1/4 inches

Black enamel outside. White enamel inside. Has hinged inside leaf and compartment for leaders. Will hold 90 large, double-hook salmon flies on silver clips.

- 3E3344**Ⓔ \$5.50**

"SERVICE" EYED FLY BOXES

Similar to the "Ayanefko" boxes, but made of strong tin, handsomely enameled, with nickel-plated fly clips. 4 inches long, 3 inches wide, 5/8 in. deep.

- 3E4914 Grooved cork one side, 50 fly clips other side**Ⓔ \$.75**
- 3E4915 50 clips for small and 35 for medium flies**Ⓔ .75**

"IMPERIAL" TACKLE BOXES



(This cut illustrates 3E3492.)

Hard wood frames, covered with best quality russet leather, seamless and is sewed by hand.

Finely finished trays and divisions. Solid leather hinges. Fitted with patent snap lock and key. All have hinged compartment in lid for fly and hook books, etc. All partitions removable.

- 3E3485 Model 1, 13 inches long, 6 inches wide, 7 inches deep. Has two trays and three spaces for reels, etc.... \$8.50
- 3E3486 Model 2, 10 inches long, 8½ inches wide, 6 inches deep. Has one tray, space for two reels and three tackle divisions 7.50

SUITCASE MODEL

13 inches long, 10½ inches wide, 6½ inches deep, has two trays, spaces for 4 reels and 23 tackle divisions, two of them large enough to carry a fly book and one Leader Box, an ideal box for the person who carries a large assortment of wooden minnows, spinners, etc.

- 3E3540 \$10.00

"DE LUXE" TACKLE BOXES

Made in the same manner as our "Imperial" boxes but lined throughout with fine tan colored suede leather. This not only gives to the box a very handsome appearance but greatly enhances its value by its durability. Sizes and interior arrangements same as "Imperial."

- 3E3491 Model 3, 14 inches long, 9 inches wide, 6½ inches deep. Has one tray, spaces for two reels and four tackle divisions \$12.50
- 3E3492 Model 4, 16 inches long, 9 inches wide, 9 inches deep. Has three trays and two tackle divisions. Space for two large reels and three medium and small reels. Compartments in lid for fly books, tackle books, etc. A fine "kit" box..... 17.50

GALVANIZED BOXES

- 3E3502 This box is galvanized, has two compartments for two or three reels, fly book, etc., and two trays divided in six spaces. Size, 12½ inches long, 6½ inches wide, 5½ inches deep..... \$2.00
- 3E4882 Extra strong, reinforced handle, two trays, thirteen spaces, 12½ inches long, 8 inches wide, 5½ inches deep 4.00

THE "USEPPA" NON-CORROSIVE TACKLE BOXES



(This cut illustrates 3E3497U.)

Copper and other metals previously used in the manufacture of tackle boxes corrode, form verdigris or rust. These new boxes, while they cost more, will outlast any box heretofore put on the market—will not rust or corrode and no weather conditions nor salt water can affect them. In addition to its non-corrosive quality, the metal is very much stronger than copper, or other metals commonly in use, and is lighter than copper.

- 4E3493U Style "A"—A very desirable box for the black bass fisherman. Has two trays, one tray has compartments. Two reel spaces. Size, 10½ inches long, 7 inches wide, 6¼ inches deep \$14.00
- 4E3494U Style "B"—Of similar design as our "A" box, only larger. Has two trays, one tray has five compartments, and space for two large reels, etc. Size, 11 inches long, 9½ inches wide, 7½ inches deep..... 18.50
- 4E3495U Style "C"—A very suitable case for salt water fishing, also tarpon and tuna tackle. Has two trays, one tray has five small compartments; three large other compartments. Size, 14 inches long, 9½ inches wide, 7½ inches deep..... 24.00
- 4E3496U Style "O"—Same size and design as 3E3501, page 118..... 10.00
- 4E3497U Style "D"—This box was designed to carry a general line of tackle. Has five trays containing 13 compartments and one covered tray with small compartments. Body of box divided into 9 spaces suitable for large and small reels, and other tackle. Size, 17½ inches long, 10½ inches wide, 8¾ inches deep..... 30.00

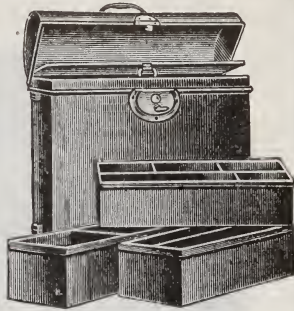
FISHING TACKLE TRUNK

Length, 22½ inches; width, 12½ inches; height, 9½ inches. Made of bass wood and covered with heavy enameled, black, waterproof duck; cover reinforced with metal, corners with leather and metal. A well-made box built for service. Leather handle on top and metal loops on each end to pass leather strap for carrying or strapping to auto. Body of trunk divided in three spaces. One large tray divided in two large and four smaller compartments. Will hold the most complete fresh and salt water outfit excepting rods and long gaff hooks. Fitted with spring snap and lock.

- 4E4998 \$12.50

NEW IDEA TACKLE BOX

Made narrow and high. Will not knock against the knees when walking. Particularly adapted for the bass fisherman. Made of extra heavy tin, finished with two coats of black Japan and one coat of varnish. There are two loops on each end so that a leather strap may be used to sling it from the shoulder. Lock and key. Height, 8½ inches; width 9 inches. Thickness, 3½ inches.



3E3536 \$3.00

"TWO IN ONE TACKLE BAG"

14 inches long, 7 inches wide, 9 inches high. Closes and hooks like a leather traveling bag. Yale lock, brass side catches and corner clasps. Makes an excellent watertight shell or ammunition case. Strong, light and durable. Baked enameled finish.



4E3381 \$4.50

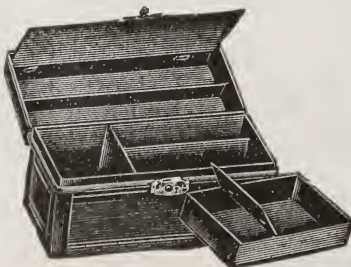
"THE TRAIL TACKLE BOX"



Made of pressed steel, galvanized inside and out and finished in black enamel. Has lock and key, folding handle and is just the thing to pack on short fishing trips. Seven spaces of convenient sizes for hooks, sinkers, 80-yard reel, baits, etc. Inside dimensions 11 inches long, 5¼ inches wide and 2¼ inches deep.

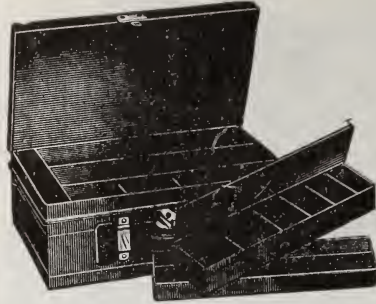
4E3766 \$1.15

3E3501 Size, 10¾ x 4¾ x 5½ inches. Fine hand-made box. Reinforced rims and corners. Has compartment for one large or two medium size reels; two large compartments for baits, floats, etc., and has tray with one open and one closed compartment. Lid is of proper size for fly hooks, snelled hooks, etc. Has movable partition lengthwise and has hinged inside cover. Has fine snap lock and key..... \$3.00



"SERVICE" TACKLE BOX

The Strongest Made



Made throughout of IXXXX tin plate and highly finished in jet enamel. Has one large and two small reel spaces and three large compartments for fly books, lines, floats, etc. Has one tray with two long

spaces for snelled hooks, baits, etc., and one tray with cover having six compartments for loose hooks, sinkers, swivels, small baits, etc. Fitted with fine snap lock and key, and has heavy leather strap handle. Size, 12½x4½x8 inches.

3E3503 \$5.00

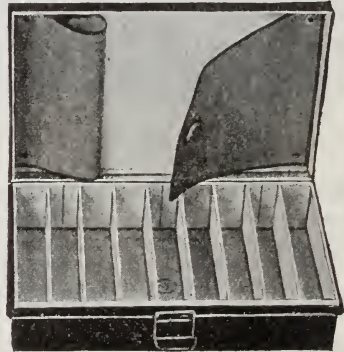
TRAYLESS TIN TACKLE BOX

Size 11½x6x4½

Opens like a dress suit case and lays open so that all tackle is exposed—cover has one long compartment for snelled hooks and three smaller compartments—bottom is divided in two so that it will hold either small or large salt water reel, fly book, leader box, etc., and is fitted with cover and catch so that nothing can come out or change place when opening or closing the box. Box is nicely japanned and has a lock and key.

3E4978 \$2.00

ENGLISH SPINNER BOX



This box, designed to hold spoons, minnows, bait, etc., is made of metal highly finished in black enamel on the outside and aluminum on inside. The partitions run in grooves and can be removed separately to make the spaces larger or all taken out if desired. Transparent pockets for leaders in the covers.

4E4385 Style 1, weight, 9 oz. 6¼x3¾x1½ \$2.00

4E4386 Style 2, weight, 13 oz. 7¼x4¾x1¾ 2.25

4E4387 Style 3, weight, 18 oz. 8¼x5 x1¾ 2.50

4E4918 We also carry the Style 1 size with rounded corners 2.25

TIN MINNOW BOXES

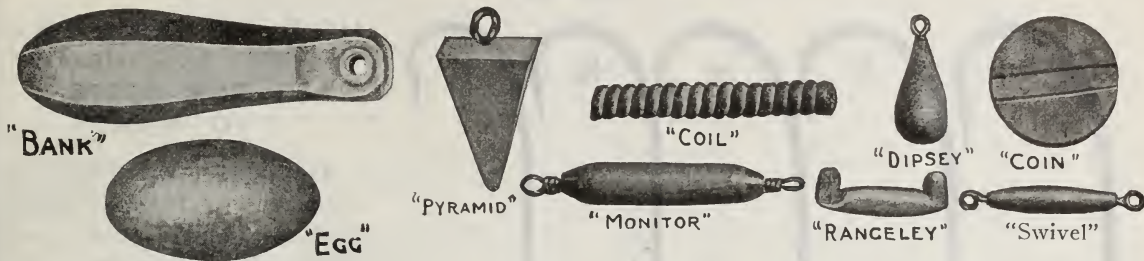
Made especially for carrying wood minnows, spoons, hooks, etc., divided in six compartments, lacquered inside and japanned outside, snap cover.

3E4979 11x5¾x1½ inches..... \$.60

Smaller size for spoons, sinkers, swivels, gangs, etc., divided in six spaces.

3E4980 8¾x4¼x1 inches..... \$.40

SINKERS



Mackinac Sinkers

Unsurpassed for use on real good lines and leaders. Its adjustable screw and new safety edge make it perfect. Turn to right to fasten and to the left to take off. No more broken fingernails or damaged lines. Specify size when ordering.

Ounces ..	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1
4E4226 Price, doz. \$	.15	.20	.25	.30	.35	.40	.45

Bank Sinkers

Weight	Doz.	Weight	Doz.
4E4210 1 oz.	\$.15	4E4215 6 oz.	\$.90
4E4211 2 oz.	.30	4E4216 8 oz.	1.20
4E4212 3 oz.	.45	4E4217 10 oz.	1.50
4E4213 4 oz.	.60	4E4218 12 oz.	1.80
4E4214 5 oz.	.75	4E4219 15 oz.	2.25

Egg Sinkers

Weight	Doz.	Weight	Doz.
4E4200 $\frac{1}{3}$ oz.	\$.10	4E4205 3 oz.	\$.45
4E4201 $\frac{1}{2}$ oz.	.12	4E4206 4 oz.	.60
4E4202 1 oz.	.15	4E4207 5 oz.	.75
4E4203 $1\frac{1}{2}$ oz.	.25	4E4208 7 oz.	1.08
4E4204 2 oz.	.30	4E4209 10 oz.	1.50

Pyramid Casting Sinkers

Best for surf casting. Does not roll on bottom.

Weight	Doz.	Weight	Doz.
4E3956 2 oz.	\$.45	4E3959 5 oz.	\$.90
4E3957 3 oz.	.60	4E3960 6 oz.	1.08
4E3958 4 oz.	.72		

TROLLING KEEL SINKERS



To prevent the line from kinking.

3E4397 Weight, $\frac{1}{4}$ oz.	\$.10
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Split Shot Sinkers

3E4227 Small	Per Box	\$.05
3E4228 Large	Per Box	.05

Coil or Worm Sinkers

Any weight can be attached or detached in a moment. No kinks or knots necessary. Six in a box. The best for general fishing.

4E4223 Light	Per Box	\$.20
4E4224 Medium	Per Box	.22
4E4225 Heavy	Per Box	.25

"Monitor" Bottom Trolling Sinkers

The best for bottom trolling. Will follow the bottom easily and seldom catch or foul, as their shape permits them to "follow through."

	Length	Weight	Doz.
3E3992	$1\frac{3}{4}$ -inch	$\frac{3}{4}$ oz.	\$.50
3E3993	$2\frac{1}{4}$ -inch	1 oz.	.75
3E3994	3 -inch	$1\frac{1}{4}$ oz.	1.00
3E3995	$3\frac{1}{2}$ -inch	$1\frac{1}{2}$ oz.	1.20

Swivel Dipsey Casting Sinkers

Weight	Doz.	Weight	Doz.
3E3944 $\frac{1}{8}$ oz.	\$.40	3E3950 $2\frac{1}{4}$ oz.	\$.60
3E3945 $\frac{1}{4}$ oz.	.40	3E3951 $3\frac{1}{4}$ oz.	.72
3E3946 $\frac{3}{8}$ oz.	.40	3E3952 $4\frac{1}{2}$ oz.	.96
3E3947 $\frac{1}{2}$ oz.	.48	3E3953 $6\frac{1}{4}$ oz.	1.20
3E3948 1 oz.	.54	3E3954 $9\frac{3}{4}$ oz.	1.80
3E3949 $1\frac{1}{2}$ oz.	.60	3E3955 14 oz.	3.60

Rangeley Sinkers

Weight	Doz.	Weight	Doz.
3E3961 $\frac{1}{16}$ oz.	\$.08	3E3967 $\frac{7}{16}$ oz.	\$.15
3E3962 $\frac{1}{12}$ oz.	.08	3E3968 $\frac{1}{2}$ oz.	.15
3E3963 $\frac{1}{8}$ oz.	.10	3E3969 $\frac{5}{8}$ oz.	.18
3E3964 $\frac{3}{16}$ oz.	.10	3E3970 $\frac{3}{4}$ oz.	.20
3E3965 $\frac{1}{4}$ oz.	.12	3E3971 1 oz.	.25
3E3966 $\frac{5}{16}$ oz.	.12		

"Coin" Sinkers

A circular piece of sheet lead, with slot in center. The line is placed in the slot and the sinker clamped over it with the fingers. Will positively prevent kinking and twisting of the line.

4E4220 Size 1. Weight, $\frac{1}{8}$ ounce.....	Doz.	\$.08
4E4221 Size 2. Weight, $\frac{1}{3}$ ounce.....	Doz.	.18
4E4222 Size 3. Weight, $\frac{3}{8}$ ounce.....	Doz.	.35

Swivel Sinkers

Weight	Doz.	Weight	Doz.
3E3972 $\frac{1}{4}$ oz.	\$.66	3E3977 $\frac{3}{4}$ oz.	\$.96
3E3973 $\frac{1}{6}$ oz.	.72	3E3979 $1\frac{1}{8}$ oz.	1.08
3E3975 $\frac{1}{4}$ oz.	.78	3E3981 $1\frac{3}{8}$ oz.	1.44
3E3976 $\frac{1}{2}$ oz.	.90		

TOURNAMENT CASTING "PLUGS"



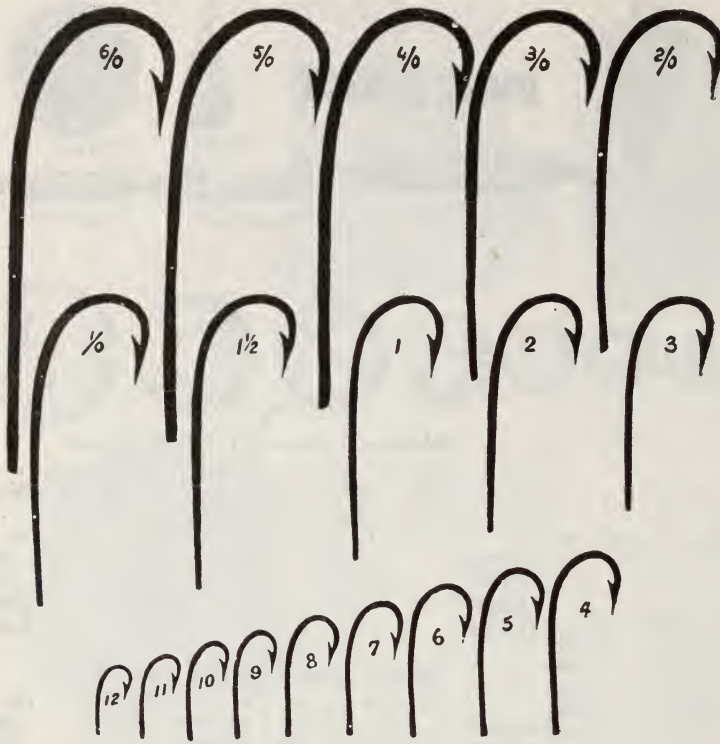
For tournament and practice casting. Size and shape correct. Made of alumi-

num and exact weight.	
3E3943 Half ounce or quarter ounce.....	\$.10

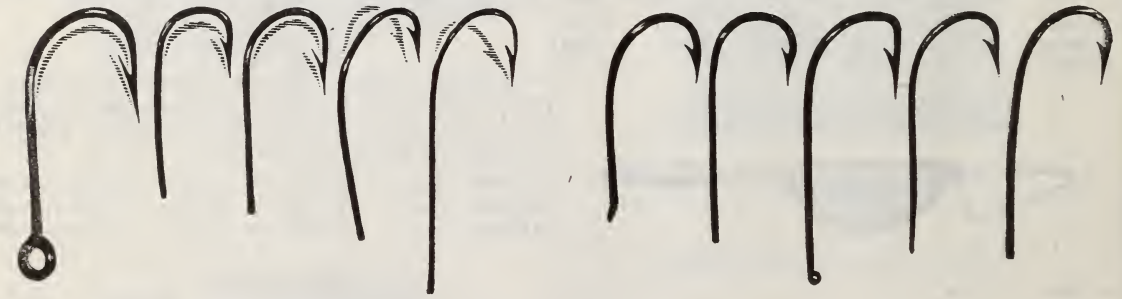
HOOKS

HOW TO PICK THE RIGHT SIZE HOOK IN THE STYLE YOU WANT

This illustration shows the exact sizes of Sproat, Pennell, Carlisle, Aberdeen, Sneck and O'Shaughnessy hooks. We have made these sizes *standard* and have listed the corresponding sizes of *other makes* in the proper columns below. Thus to find the *size* hook you want in Cincinnati Bass, or other make, read down the column in the illustration which corresponds to the size you want. For example, size 6-0 in the illustration is the same as size 16 in Cincinnati Bass, size 2 in Chestertown and size 1-0 in Virginia.



Sproat, Pennell													
Carlisle, Aberdeen.....													
Sneck, O'Shaughnessy.....													
Cincinnati Bass.....	16	17	18	19	20	21	22	23	24	25	26		
Chestertown	2	3	4	5	6	7	8	9	10	11	12		
Virginia Blackfish	1-0	1	2	3	4	5	6	7	8				



Ringed End Style Sneck Cincinnati Bass Chester-town Carlisle
 All these styles have straight points

Virginia Flatted End Aberdeen Pennell Eyed O'Shaughnessy Sproat
 All these styles have turned out points

The above illustration shows ten of the most popular fish hooks which we carry regularly in stock. Five of these have the curved or "turned out" point and five are perfectly straight as indicated in the illustration. We show all styles together so that anglers may compare their relative size of bend, length of shank, character of point, etc. In the following pages these hooks are listed in the sizes we carry and the different styles of snells, mountings, etc., are fully described.

SNELLED HOOKS

The hooks are the highest grade of fine spring steel, beautifully tempered and carefully selected. Points are all hollow ground and the bronzing is perfect. Put up one-half dozen in a package.

NOTE—Sizes smaller than No. 4 are carried in stock tied on single gut only, as the gut is strong enough to break the hooks.

Smaller sizes, on double gut, as catalogued, will be tied to order only and require three to four days for delivery.

Aberdeen, Sneck, Sproat and Carlisle

One-half dozen in a package.

Size	Single Gut		Double Gut		Treble Gut		Gimp	
	Per Doz.	Per Doz.	Per Doz.	Per Doz.	Per Doz.	Per Doz.	Per Doz.	Per Doz.
1 to 10...	Ⓔ \$.30		Ⓔ \$.40		Ⓔ \$.50		Ⓔ \$.50	
1-0 to 3-0...	Ⓔ .35		Ⓔ .50		Ⓔ .50		Ⓔ .50	
4-0 to 5-0...	Ⓔ		Ⓔ .60		Ⓔ .60		Ⓔ .55	
6-0 to 7-0...	Ⓔ		Ⓔ .75		Ⓔ .75		Ⓔ .65	

Snelled Cincinnati Bass Hooks

Finest Imported Grade. Hooks Finished in Bright Steel.

Sizes, 21, 22, 23 and 24, on single gut,	Per doz. Ⓔ \$.35
Sizes, 21, 22, 23 and 24, on double gut,	Per doz. Ⓔ \$.50

Snelled Pennell Hooks—Tapered Shank

The finest quality Pennell turn-down-eyed, bronzed, snelled with finest selected mist color single gut. One-half dozen in package.

Sizes, 5, 7 and 9, per dozen.....	Ⓔ \$.50
Sizes, 3 and 1, per dozen.....	Ⓔ .55
Sizes, 1-0 and 2-0, per dozen.....	Ⓔ .60

LOOPED O'SHAUGHNESSY HOOKS

With Baiting Pin

This style hook is a great favorite for salt water fishing. Finest hand forged hooks, mounted with best quality treble twisted gut loops. The end of the shank, which is tapered, is allowed to project one-half inch beyond the wrapping and holds the bait securely in place. Especially desirable for surf casting.

One-half dozen in a package.

Size	Per Doz.	Size	Per Doz.
3-0	Ⓔ \$.60	5-0	Ⓔ \$.80
4-0	Ⓔ .70	6-0	Ⓔ 1.00

SNELLED O'SHAUGHNESSY HOOKS

Hand Forged—4-Ply Gut. For Salt Water Fishing

These are tied to four-ply mist color, round twisted gut. The wrapping and loops are carefully tied with heavy silk and water-proofed. Put up in packages of one-half dozen.

Size	Per Doz.	Size	Per Doz.
2-0, 1-0 and 1.....	Ⓔ \$.50	5-0	Ⓔ \$.85
3-0	Ⓔ .60	6-0	Ⓔ .90
4-0	Ⓔ .70	8-0	Ⓔ 1.00

"MATT STRATTON" STYLE SURF HOOKS

"Harrison's" best O'Shaughnessy hooks, tied to 6-ply cabled gut 18 inches long, with wire bound snelling to prevent chafing.

Sizes 6-0 to 10-0.....	Per dozen	\$2.25
Sizes 5-0 to 4-0.....	Per dozen	2.00
Sizes 2-0 to 1.....	Per dozen	1.75

"CUTTYHUNK" TANDEM HOOK

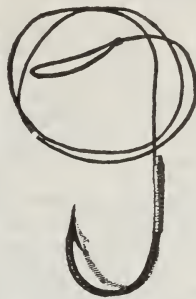


Hand forged hooks of fine quality. For use with or without spinner.

3E3674 Size 4-0, 5-0 and 6-0 hooks, with 4-ply hand twisted gut loops. Each	Ⓔ \$.20
3E3675 Same sizes of hooks, with rust-proof phosphor-bronze wire loops. Each	Ⓔ .25

PERFECT TROUT HOOKS

Hand Forged



Snelled especially for worm, grasshopper and grub fishing for trout—the best grade of steel is used and the wire is very fine and forged making them very strong. Another feature is their special shape and bend and the short shank, which makes it easy to string a worm, and it is sure to hook a fish every time it takes the bait.

Tied to first quality single gut. Six in a package.

3E4340 Small, medium and large, per doz... \$.60

LOOPED SPROAT HOOKS

One-half dozen in a package.

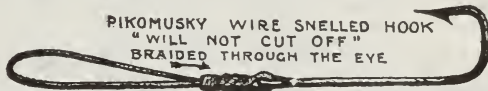
The most durable and convenient to carry and adjust to either spinner or leader.

Very highest quality hooks, hollow point. Snelled with extra grade gut loop one inch long.

Sizes	Single Gut		Double Gut		Treble Gut	
	Per Doz.	Per Doz.	Per Doz.	Per Doz.	Per Doz.	Per Doz.
1 to 5.....	Ⓔ \$.40					
1-0 to 2-0.....	Ⓔ .45		Ⓔ \$.60			
3-0			Ⓔ .70			
4-0 to 6-0.....					Ⓔ \$1.00	

PIKOMUSKY HOOKS

PIKOMUSKY WIRE SNELLED HOOK
"WILL NOT CUT OFF"
BRAIDED THROUGH THE EYE



2-0, 4-0 and 6-0 heavy, best quality eyed sneck hooks whipped to flexible phosphor bronzed wire loops, 2½ inches long. No whipping on the shank of the hook.

3E4341 Any size. Per doz..... \$.90

FROG CASTING GANGS

The Best. Two Hooks and Adjustable Lip Hook.

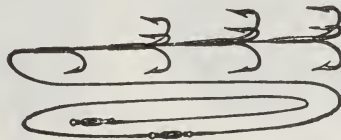
3E3681 Size 1 hooks, on single gut and swivel. Each	Ⓔ \$.30
3E3682 Size 2-0 hooks, on double gut and swivel. Each ..	Ⓔ .40

WORM GANGS

Three fine Sproat hooks mounted on 5-inch snell for brook fishing with worms, grubs, etc.

3E3683 Sizes 5, 8 and 10 hooks. Each...Ⓔ \$.10

GANGS



3E3676 Two treble hooks and lip hook, on treble twisted gut, 6 inches long, with swivel. Each.....	Ⓔ \$.30
3E3677 Same as above with Gimp trace, 6 inches long with swivel. Each	Ⓔ .25
3E3678 Three treble hooks and lip hook, on treble twisted gut, 12 inches long with two swivels. Each.....	Ⓔ .40
3E3679 Same as above with Gimp trace, 12 inches long with two swivels. Each	Ⓔ .35

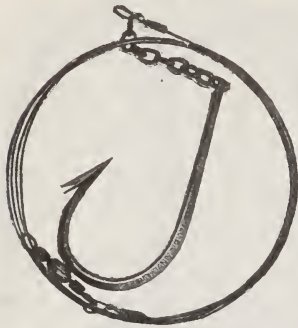
SNAPPER HOOKS

Extra long shank Carlisle hooks on treble gut. Sizes, 1, 1-0 and 2-0.....Per doz. Ⓔ \$.40

BLACKFISH HOOKS

Sizes, 3, 4, 5 and 6 Virginia Hooks, on 4-ply Gut. Per dozen.....	Ⓔ \$.40
Same on Tarded lines, two hooks on each line. Per dozen pairs.....	Ⓔ .80

THE IMPROVED VAN VLECK HOOK



"The Hook With the Forked Barb." Made in different size for Tarpon, Tuna, Barracuda, Yellow-tail, Amber-jack, Bonefish, Muscallonge and Black Bass.

All the improved Van Vleck hooks from the largest tarpon to the smallest bass are hand-forged, evenly tempered and of the best steel.

Size	Each	Dozen
3E4344 1	For Tarpon and Tuna, mounted on piano wire with bronze chain and swivel	\$.50 \$5.00
3E4345 2	For Tarpon and Tuna, mounted the same as Size 1, but with smaller hook	\$.50 5.00
3E4346 3	For Barracuda, Amber Jack, Albacore and Yellowtail, mounted on rust-proof wire with bronze chain and swivel	\$.40 4.50
3E4347 4	For Grouper or Cod, mounted on piano wire with bronze chain and swivel	\$.40 4.00
4E4348 5	For Bonefish, Weakfish, Bluefish and Muscallonge, mounted on heavy twisted gut	\$.20 2.00
3E4349 6	For the same fish as Size 5, but with smaller hook. Mounted on heavy twisted gut	\$.15 1.50
3E4350 7	For Black Bass, mounted on double gut	\$.15 1.50
3E4351 8	For Black Bass, mounted on double gut, same as Size 7, but with smaller hook	\$.15 1.50

O'SHAUGHNESSY WIRE MOUNTED HOOKS

Used as chum hooks for Bluefish, Kingfish, Channel Bass, Crevalle, etc. O'Shaughnessy high quality, hand forged bronze hooks on two-jointed special bronze wire 8 inches long, with swivel.

Size	Each	Dozen
3E4352 10-0	\$.20	\$2.00
3E4353 8-0	\$.18	1.80
3E4354 6-0	\$.15	1.60
3E4355 4-0	\$.14	1.50
3E4356 2-0	\$.12½	1.45
3E4359 10-0	O'Shaughnessy turned eyed hook mounted on 20-in. tinned three ply steel wire with swivel	\$.20 2.00

HOOK DISGORGERS



3E4276	Does the work easily and cleanly. Nickel plated	\$.20
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HOOK STONE

Every fisherman should own a hook stone and keep his barbs sharp and bright. A dull hook is useless. This stone is made of genuine Arkansas White Stone, made flat and thin to work under beard or barb.

3E3557		\$.15
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TARPON, TUNA AND SHARK HOOKS Mounted Hooks

For general fishing we recommend Styles 1 and 3. These hooks, while they will hold the largest tarpon, are so mounted that a shark, the bane of tarpon fishermen, will "chaw off" and save you much time and tackle.



4E4710 Style 1. For general fishing; mounted with plaited cotton snood, bound wire; size 11-0, each

\$.25



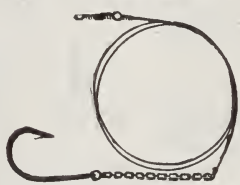
4E4711 Style 2. For surface fishing in the "passes" or over the bars; mounted with 30-inch, 3-ply tinned steel wire snood and swivel; each, size 11-0.

\$.30



4E4712 Style 3. For deep fishing and "inside trolling"; mounted on rawhide snood; our special model and a very good general hook

\$.35



4E4713 Style 4. For general deep fishing and trolling; mounted on 5-ft. tinned steel snood with 4-in. German silver chain between hook and snell; swivel; hook is the famous "Van Vleck." Size, 11-0. Each

\$.45

4E4714 Style 4¼. Same style mounting but heavier for extra heavy fish including sharks with 14-0 hook. Each

\$.60



4E4715 Style 5. Mounted on 30-in. heavy phosphor-bronze cable snood and two swivels; metal sheath over knots; size 11-0. Each

\$.65

4E4357 For tuna and horse mackerel up to 1,000 lbs., 12 feet heavy wire snell with 9 inches bronze chain and special shaped hook. Each

\$.60

Dozen

6.00

4E4358 The "Miami Special" for all large game fish, two 10-0 O'Shaughnessy hooks linked with 2 inches of chain and 3 feet of tinned steel wire. Fish cannot remove the bait from these hooks.

Each	\$.75
Dozen	7.50

SHARK HOOK

Best pattern. Hand-forged steel with chain and swivel.



3E4716	Width of hook, 2 in.	\$.75
3E4717	Width of hook, 2½ in.	1.00
4E4718	Width of hook, 2¾ in.	1.25
4E4719	Width of hook, 3 in.	1.50

ABERDEEN WIRE MOUNTED HOOKS

The short-shank, heavy wire Aberdeen Hooks, with turn-down eyes, are used for mounting. The snood consists of 8 inches of soft cable laid bronze wire. Put up in packages of 6.

Size	Per Pkge.	Size	Per Pkge.
3E4361 8-0	\$.65	3E4363 5-0	\$.50
3E4362 6-0	.55	3E4364 4-0	.45

PLAIN HOOKS

We carry in stock a selected assortment of various popular hooks and of the very highest quality. We list herewith a few special patterns, but will fill orders for any style at regular prices, and will be pleased to quote prices upon request.

HAND FORGED O'SHAUGHNESSY HOOKS

Bronzed Ringed

Size	Per Doz.	Per 100	Size	Per Doz.	Per 100
3E3685 1-0	\$.25	\$1.50	4E4921 7-0	\$.50	\$2.75
3E3686 2-0	.25	1.55	4E3691 8-0	.60	3.25
3E3687 3-0	.30	1.60	4E4360 9-0	.70	4.50
4E3688 4-0	.30	1.65	4E3692 10-0	.85	5.00
4E3689 5-0	.35	1.95	4E3693 12-0	1.10	7.50
4E3690 6-0	.40	2.25			

EXTRA HEAVY LONG SHANK CARLISLE HOOKS

Ringed—Bronze

Size	Per doz.	Size	Per doz.
3E3736 1, 1-0	\$.10	3E3739 6-0	\$.25
3E3737 2-0, 3-0	.15	3E3740 8-0	.30
3E3738 4-0, 5-0	.20		

"SPECIAL GRADE" VIRGINIA HOOKS

Ringed—Blued with turned out points

Size	Per doz.	Size	Per doz.
3E3712 6, 5 and 3	\$.15	3E3715 1-0	\$.30
3E3713 2	.20	3E3716 2-0	.40
3E3714 1	.25	3E3717 3-0	.50

GENUINE VIRGINIA HOOKS—BLUED

In two styles—Ringed or Flatted Ends. State which style is wanted.

Size	Per doz.	Size	Per doz.
3E3718 10 to 6	\$.10	3E3722 1	\$.20
3E3719 5	.10	3E3723 1-0	.20
3E3720 3	.12	3E3724 2-0	.25
3E3721 2	.15	3E3725 3-0	.30

RINGED LONG SHANK BLUEFISH HOOKS

	Per doz.		Per doz.
4E3741 Small	\$.40	4E3743 Large	\$.60
4E3742 Medium	.50		

RINGED HOOKS—BRONZED

In three styles—Sproat, Sneck or Carlisle. State style and size wanted.

Size	Per Doz.	Per 100	Size	Per Doz.	Per 100
3E3726 10 to 1	\$.10	\$.75	3E3730 4-0	\$.20	\$1.10
3E3727 1-0	.12	.85	3E3731 5-0	.25	1.15
3E3728 2-0	.12	.90	3E3732 8-0	.35	2.00
3E3729 3-0	.15	1.00			

SPROAT OR SNECK—TAPERED ENDS

For Fly Tying

Put up in boxes of 100 in all sizes.

Size	Per box	Size	Per box
4E3699 14 to 1	\$.50	4E3702 3-0	\$.85
4E3700 1-0	.70	4E3703 4-0	.90
4E3701 2-0	.80	4E3704 5-0	1.00

PENNEL EYED HOOKS

In three styles—Sproat, Sneck or Limerick. State style wanted.

Size	Per Doz.	Per 100	Size	Per Doz.	Per 100
4E3705 12 to 5	\$.15	\$.95	4E3709 2-0	\$.18	\$1.15
4E3706 3	.15	.95	4E3710 3-0	.25	1.20
4E3707 1	.15	.95	4E3711 5-0	.30	1.30
4E3708 1-0	.15	.90			

PLAIN RINGED TREBLE HOOKS

Size	Per doz.	Size	Per doz.
3E3744 10 to 1	\$.30	3E3749 5-0	\$.60
3E3745 1-0	.35	3E3750 6-0	.70
3E3746 2-0	.40	3E3751 7-0	.85
3E3747 3-0	.45	3E3752 8-0	1.00
3E3748 4-0	.50		

FEATHERED RINGED TREBLE HOOKS

Size	Per doz.	Size	Per doz.
3E3753 10 to 1	\$.45	3E3758 5-0	\$.80
3E3754 1-0	.50	3E3759 6-0	1.00
3E3755 2-0	.55	3E3760 7-0	1.15
3E3756 3-0	.65	3E3761 8-0	1.30
3E3757 4-0	.75		

MINNOW HOOKS

The proper size and shape for catching minnows, shiners, grubs, etc. Packed 100 in a box.

3E3684 Per box..... \$.10

BAIT BOXES

CRESCENT SURF CASTERS SPECIAL



This box made of new metal, crescent shape, is the box for the most critical salt water fisherman. It will not rust or corrode.

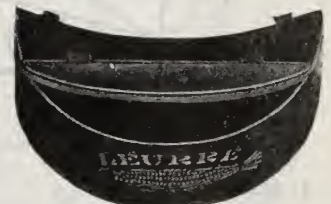
3E4303 Weight, 11 oz., 8 inch..... \$2.25

4E4304 Same as above except made of zinc..... 1.25

TIN BOXES

Basket Pattern

Crescent Pattern



3E4300 Basket..... \$.10

3E4301 Crescent..... .15

"HOPPER-COOP" LIVE BOX FOR INSECTS



Made of tin plate, enamel finish, for carrying such baits as crickets, grasshoppers, beetles, June bugs, grubs, helgramites, crawfish, lampreys, small frogs.

The size just fits the pocket, and, as all corners are rounded, there are no sharp points. Size, 3 1/2 in. high, 3 1/2 in. wide, 1 1/4 in. thick.

3E3362..... \$.15

SQUIDS—FOR CASTING AND TROLLING

Style 1. Loaded Red Cedar
 3E3769 1/2 Length of body, 4 1/2 ins. Each.....\$.30
 4E3769 Length of body, 6 ins. Each.....\$.45

Style 2. Eel
 3E3770 Length of body, 4 1/4 ins. Each.....\$.40

Style 3. Loaded Bonefish
 Length of body,
 inches 3 1/2 4 1/2 5 1/2
 3E3771 Each...\$.45 .50 .55

Style 4. Fish
 4E3772 Length of body, 4 1/2 ins. Each.....\$.60

Style 5. Bluefish
 We carry the best quality block tin, with swivel.

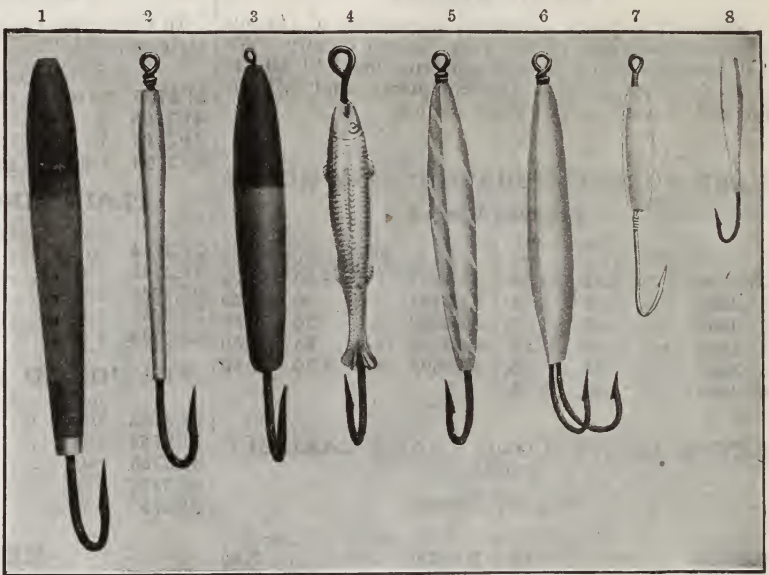
	Length	Weight	Each
4E3773	3 ins.	1 3/4 ozs.	\$.35
4E3774	3 1/2 ins.	2 oz.	.40
4E3775	4 ins.	2 1/4 ozs.	.45
4E3776	4 1/2 ins.	2 3/4 ozs.	.50
4E3777	5 1/2 ins.	4 ozs.	.75

Atlantic Coast Tuna
 4E3778 A large sized bluefish squid which is used successfully on the Atlantic coast for Tuna fishing. 6 ins. long, extra strong \$.90

4E4981 7 ins. long, forged hook..... 1.50

Style 6. Belmar
 4E3779 Length of body, 4 3/4 inches. Each \$.65
 4E3408 Length of body, 4 inches. Each .60

Style 7. Pearl Weakfish
 3E3780 On size 7-0, 6-0, 5-0 and 4-0, hooks any size.....\$.10



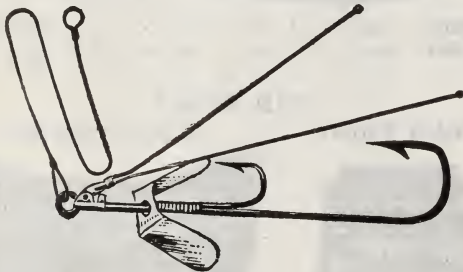
Style 8. Mackerel and Weakfish
 Best quality block tin with patent swivel. A favorite for both casting and trolling.

3E3783 Length of tin, 1 3/8, 1 1/4, 1 1/2 inches.. \$.10

SKITTERING GANGS
 3E4342 Each.....\$.15

For pork rind, belly of perch, etc. Made up of two Cincinnati bass hooks, tied tandem style on treble twisted gut and a lip hook.

STANLEY WEEDLESS SPINNER



Weedless both coming and going. The guard folds back when fish is hooked.
 4E3237 Size 4-0 or 5-0.....\$.30

WEEDLESS CASTING HOOKS

Absolutely weed-proof and always retains its proper position. By yielding readily, it insures hooking the fish when a strike is made from any direction.

The double ring and swivel combination makes it non-kinking, prevents twisting of bait and adds life-like action to minnow or pork rind.

Made of the highest grade hollow-point hooks and the best music wire, and is nicked over a heavy copper plate to prevent rusting.

3E3806	4-0 and 6-0 Carlisle, plain	\$.15
3E3807	3-0 and 5-0 Sproat, plain	.15
3E3808	5-0 Sproat or 6-0 Carlisle weighted	.20



LIVE FROG HARNESS



The frog is held without hooking, and it is always in natural position. Extra quality filed pointed, 4-0 Sproat style hook, front, with 6-0 Carlisle style hook, rear, and the best music wire nickel plated.

3E3680 Two sizes, medium and small. Each.....\$.35

COOPER'S WEEDLESS PORKER



For bass, pike, and pickerel.
 3E3805 Carlisle hooks. Sizes 3-0, 4-0, 5-0, Each.....\$.25
 One-half dozen.....\$ 1.25

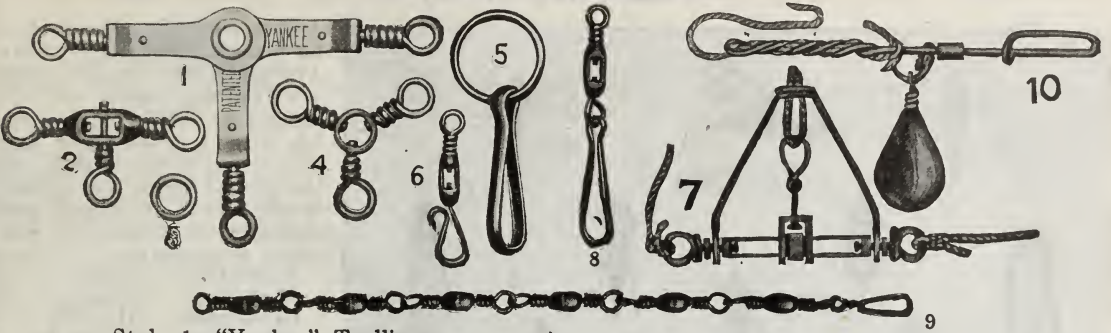
WEEDLESS BUCKTAIL "BOBS"

For bass and pickerel casting or "skittering." Mounted on large size single hook of proper size.

3E3809 Length, about 3 inches.....\$.25



SWIVEL AND LINK COMBINATIONS



Style 1—"Yankee" Trolling

A "new wrinkle" for deep trolling where a heavy sinker is used. Fish always strikes against taut line.
 3E4245 Each \$.10

Style 2—"Cross-Line" Swivel

For use in sea and river fishing where there is much tide or current. Bait swings free in all directions.
 4E4246 Size 6, 4, 1. Per dozen..... \$.30
 4E4247 Size 1-0. Per dozen..... .35
 4E4248 Size 3-0. Per dozen..... .40

Style 3—Split Rings

For attaching hooks or flies to casting baits.
 3E4249 Small, medium and large..Per doz. \$.05

Style 4—"Treble" Casting

Used largely in surf-casting, also trolling.
 3E4250 Made of size 1-0 swivels..Per Doz. \$.40
 3E4251 Made of size 3-0 swivels..Per Doz. .50

Style 5—Brass Snap Hooks and Rings

For attaching hooks to trawl or set lines.
 3E4252Per Doz. \$.20

Hook Spreader (Collapsing)

For fishing with live bait. A swivel placed in center of a spring wire spread 12 inches, allowing the bait on the hooks on each end to move around without tangling the line or each other.
 4E4900 Each \$.15

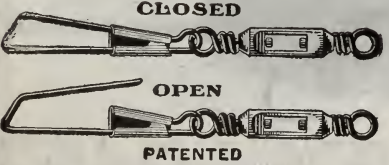
CLEW SPRINGS

The safest attachment for spoons, spinners, etc.
 3E4261 On size 10 swivels.....Per Doz. \$.30
 3E4262 On size 4 swivels.....Per Doz. .35
 3E4263 On size 1/0 swivels.....Per Doz. .40

4E4229	12	\$ 25
4E4230	10 to 3	.15
4E4233	1-2	.20
3E4234	1-0	.30
4E4235	2-0	.40
3E4236	3-0	.40
4E4231	5-0	.90

Style C—Brass Spring Swivels

3E4241	6 to 2	\$.25
3E4242	1	.30
3E4243	1-0	.35
3E4244	2-0	.40



Dozen prices will apply to orders of 6 or more. All Swivels on this page delivered free in the United States when ordered in this quantity.

Style 7—"Allright" Cross Line

Used for Salt Water bait fishing. Will keep the leader from twisting around the line. Holds bait desired distance from the bottom and lets it drift with the tide.
 3E4254 Each \$.10

Style 8—Fine Steel Watch Spring Swivels

3E4255 On size 4 swivels.....Per Doz. \$.35
 3E4256 On size 2 swivels.....Per Doz. .35
 3E4257 On size 1 swivel.....Per Doz. .35

German Silver Connecting Links

For attaching lines to leaders, gangs, traces.
 3E4258 About size 4 swivel.....Per Doz. \$.10
 3E4259 About size 2 swivel.....Per Doz. .15
 3E4260 About size 1 swivel.....Per Doz. .20

Style 9—Swivel Gangs

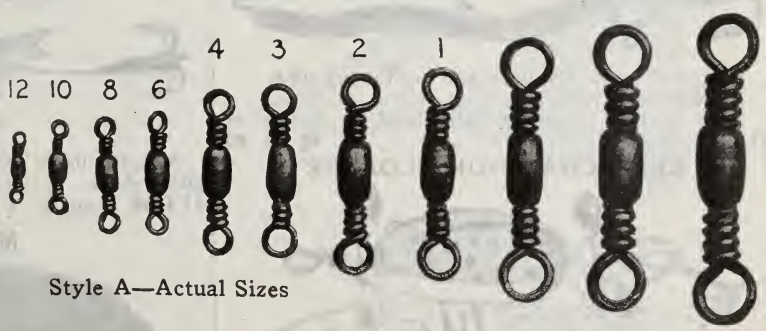
For use in trolling with spinning baits to prevent line from kinking. Six best bronze barrel swivels connected. Has bronze clew spring one end for attaching hooks or spoons.
 3E4264 Gang of 6; size 10 swivels...Each \$.15
 3E4265 Gang of 6; size 6 swivels...Each .20
 3E4266 Gang of 6; size 3 swivels...Each .35

Style 10—Catalina Swivel

This swivel was designed to relieve the strain and strengthen the weak spot in a line when it is attached to a line—namely the knot—as it is a known fact that a knot reduces the strength of a line at least 25 per cent.
 3E4267 Each \$.10

Style A Swivels—Best Imported Goods

Bronzed or brass barrel at option.

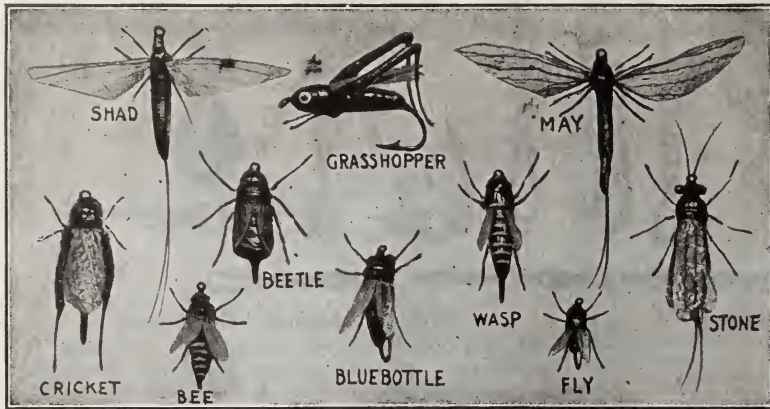


Style A—Actual Sizes

Cooper's Snap Swivel

The strongest attachment of its kind. Endorsed by all bait-casting experts.
 4E4509 Size 1 to 5. Dozen..... \$.50
 4E4901 Size 1-0. Dozen..... .60
 4E4902 Size 2-0. Dozen..... .80

IMPORTED INSECTS



Very fine soft rubber bodies on highest quality eyed hooks (without snells), and with silk gauze wings. All are beautifully made and true to life in the smallest detail. The closest possible imitation of the natural insects and a most deadly lure at all seasons, and especially so during the low water of summer.

- | | |
|-----------------------------------|-----------|
| Stone Fly | Cricket |
| Shad Fly | Wasp |
| Grasshopper | May Fly |
| Blue Bottle | House Fly |
| Bee | Beetle |
| 3E3936 Any Style. Each | \$.25 |
| 3E3937 Full assortment of 10..... | \$ 2.25 |

HELGAMITES OR DOBSONS



Fine quality soft rubber. Black bodies with bronze heads.

- 3E3931 Lengths, 1, 1 1/4, 2 1/2 inches. Each \$.25

ENGLISH WORM TACKLE



Soft rubber, hand painted.

- 3E3934 Lengths, 1 1/2 and 2 inches. Each \$.25

FLY MINNOWS



- 3E4994 Made of soft rubber single hook and gut loop 1 1/2 inches long. Each \$.20

LAMPER EELS



The most used for bass and wall eyed pike. Made of soft rubber.

- With tandem forged or treble hook as illustrated. 3E4991 Each \$.60

KENT CHAMPION FLOATER



Made of cedar wood. Finished only in one style, to imitate a yellow belly frog. A killer for bass. Length of body, 2 1/4 inches. Fitted with three treble hooks.

- 3E3919..... \$.50

QUILL DEVON MINNOW



For trout and salmon. Light in weight and can be cast with the lightest fly rod.

- | | |
|-------------------------------------|---------|
| 3E4656 Length, 1 inch. Each..... | \$.50 |
| 3E4987 1 3/4 inches long. Each..... | \$.75 |
| 3E4988 2 1/2 inches long. Each..... | \$ 1.00 |

CALEDONIAN MINNOW



Hard rubber with curved forms. An especially good spinning bait for large trout and bass.

- | | |
|------------------------------------|--------|
| 3E4657 Length, 2 inches. Each..... | \$.40 |
| 3E4989 3 inches long. Each..... | \$.60 |
| 3E4990 4 inches long. Each..... | \$.75 |

ENGLISH "DACE" BAIT



A particularly effective bait for black bass, pike, pickerel, etc. Colored by hand true to life.

- 3E4658 Length, 4 inches. Each..... \$.80

MOUSE BAIT



Soft rubber, covered with real skin. A splendid bait for black bass. Mounted with single hook.

- | | |
|--|--------|
| 3E3890 Grey Mouse, body 2 inches..... | \$.60 |
| 3E3891 White Mouse, body 2 inches..... | \$.60 |

THE "ELFIN" SPINNER



Weights but 1/16 of an ounce. Finest treble hook mounted on split ring and detachable.

Each Dozen

- 3E3792 Nickel or brass blades..... ¢ \$.15 ¢ \$ 1.65
- 3E3793 Pearl blades, small..... ¢ .25 ¢ 2.50
- 3E3794 Pearl blades, large..... ¢ .35 ¢ 3.50

HILDEBRANDT SPINNERS

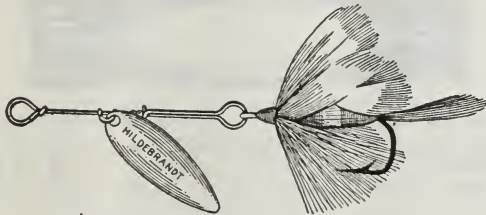
Nickel plated, mounted on piano wire, with reversible spoon carriers, which enables the spoon to reverse when playing a fish.



Standard

Table Showing Size of Blades

Size	Blades	Each	Dozen	With Bucktail Fly	Dozen	With Fancy Fly	Dozen
0, 1, 2, 3, 3 1/2	Single	Each	¢ \$.25	¢ \$.30			
X, A, B, C, D	Double	Each	¢ .35	¢ .40			
4	Single	Each	¢ .30	¢ .35			
E	Double	Each	¢ .40	¢ .45			



Slim Eli

Table showing size of blades.

Size	Blades	Each	Dozen	Bucktail Fly	Dozen	Fancy Fly	Dozen
Size 1 and A, 1 -inch.	Single	Each	¢ \$.25	¢ \$.30			
Size 2 and B, 1 1/16-inch.	Double	Each	¢ .30	¢ .35			
Size 3 and C, 1 3/8-inch.							
Size 3 1/2 and D, 1 5/8-inch.							

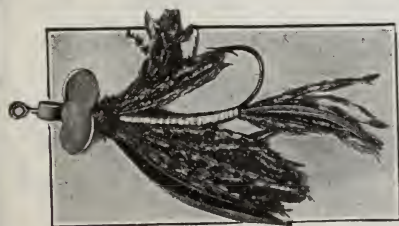
"NEPIGON" SPINNER



Aluminum head and bright silver or gold body. Peacock herl at head and red feathered tail. Finest quality treble hooks.

- 3E3787 Length, 1 inch ¢ \$.40
- 3E3788 Length, 1 1/4 inches ¢ .50

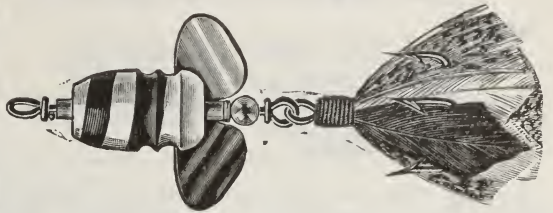
THE "HALCYON" SPINNER



For large trout and bass. Swiveled head and the whole fly spins. Aluminum head and bright silver body. Dressed with peacock herl, touched with red at shoulder and tail. Size 1 Sproat hooks.

- 3E3786 ¢ \$.50

FAR CASTING BAIT FOR ALL GAME FISH



A small spinner of just the right weight to cast with a bait-casting rod—spins very easily—has snap connection for changing flies and hooks.

- 3E3290 Single or treble hooks..... ¢ \$.35

THE JAMISON TROUT SPOON

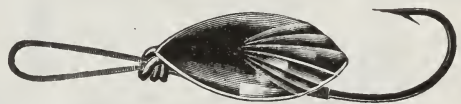
Nickel plated spoon blades, three sizes, four different colors of feathers—white, yellow, red, and brown.



These spoons are especially suitable for casting with fly rods.

- 3E3789 No. 2, large. No. 4, medium. No. 6, small.....Each ¢ \$.25 Doz. ¢ \$ 2.50

SKINNER'S CASTING AND TROLLING SPOONS



Used with or without bait.

No. 1 has size 1 1/2 hook; No. 2, size 2-0; No. 3, 3-0. Two styles—nickel and white.

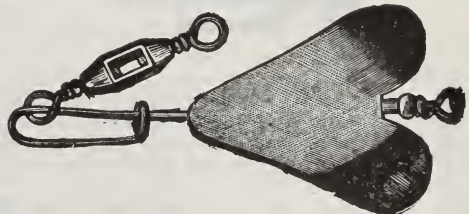
- 3E3834 Each..... ¢ \$.20

SKINNER'S AUXILIARY SPOON



- Made in nickel and enamel finish.
- 3E3835 Sproat hooks, sizes, 2-0 and 1-0..... ¢ \$.25
- 3E3836 Sproat hooks, sizes 3-0 and 1-0..... ¢ .25

BASS SPINNERS
Brass Nickel Plated



- Very good for striped bass.
- 3E3855 Blades 1, 1 1/8 or 1 3/8 inches. Each ¢ \$.15

"MONTAUK" SPINNER



Nickel blades, red enamel inside. The best spinner for striped bass. Also used as an "attractor" in trolling for togue, lake trout, etc. Length of blade, 2 inches.

- 3E3854 ¢ \$.20

THE "CASSETTE" SPINNER



3/8-inch treble twisted snells with silver-plated spoon. Snell is protected by rubber sheath. For bass and large trout, ouananiche, etc.

- "Parmachenee Belle," "Silver Doctor," "Montreal."
 3E3790 Trout. Any pattern..... \textcent \$.50
 3E3791 Bass. Any pattern..... \textcent .50

THE "RAINBOW" FLEXIBLE MINNOW



Soft, flexible bodies. Beautifully colored true to life, in brown and green. For large trout in either stream or lake fishing. Very light in weight and can be easily cast by fly rod.

- 3E4659 Style A, 1 1/2-in. long, 1 treble hook.
 Each \textcent \$.30
 3E4660 Style B, 2 1/4-in. long, 2 treble hook.
 Each \textcent .45

THE SPINNING SYLPH



Horn bodies. Easily cast with fly rod and a particularly fetching bait for large trout.

- 3E4655 1 1/2 inches long..... \textcent \$.50
 3E4985 2 1/2 inches long..... \textcent .75
 3E4986 3 1/2 inches long..... \textcent 1.00

WATERWITCH SPINNING BAIT

For Trout, Ouananiche, Black Bass, Lake Trout



Composed of a series of metal ball strung on a wire shank, which, when being trolled, causes a displacement of water, the spinner flashing like a small fish escaping for its life. Mounted with three treble hooks, which can be removed if you desire to fish with only one hook.

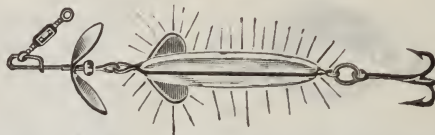
- 3E4651 Length of body, 1 1/2 inches, small trout \textcent \$.65
 3E4652 Length of body, 2 inches, trout..... \textcent .65
 3E4653 Length of body, 2 1/2 inches, salmon... \textcent .75

THE IMPROVED "SILVER SOLDIER" SPOON



- | Size | Length | For | Hooks | Each |
|--------|--------|-----------------|---------|--------------------------|
| 3E4661 | 1 | Lake Trout | Treble. | \textcent \$.75 |
| 3E4662 | 4 | Salmon and Bass | Treble. | \textcent .60 |
| 3E4663 | 5 | Salmon and Bass | Single. | \textcent .50 |
| 3E4664 | 6 | Trout | Single. | \textcent .50 |

PEARL MINNOW



Mounted with German silver fins and wire running lengthwise of the bait.

- 3E3930 Length of Pearl, 2 3/4 inches..... \textcent \$.75
 3E3930 1/2 With curved body..... \textcent .50

PEARL SPOONS



Very successful for lake trout.

- 3E3840 Single blades, small, medium and largeEach \textcent \$.35

PEARL WOBBLER



- 3E3847 Blade, 2 1/2 in. Treble Hook. Each. \textcent \$.25
 3E3847 1/2 Blade, 3 1/2 in. Treble Hook. Each. \textcent .30

"GOLDEN WOBBLER" SPOON



For pike, pickerel and lake trout. Polished metal, gold color, which will not tarnish.

- 3E3802 Blade 2 1/4 inches..... \textcent \$.35
 3E3803 Blade 3 1/4 inches..... \textcent .35

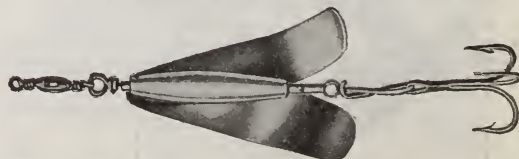
LOWE'S "STAR" SPOONS



The blades are "hump-back" shape, upper half silver plated, lower half gold plated.

- | Single Spoon | Size | Blade | Double Spoon |
|---------------------------------------|-------|-----------|---------------------------------------|
| 3E3818..... \textcent \$.75 | 1-0 | 2 5/8 in. | 3E3826..... \textcent \$1.00 |
| 3E3819..... \textcent .55 | 1 | 2 1/8 in. | 3E3827..... \textcent .85 |
| 3E3820..... \textcent .55 | 2 | 1 7/8 in. | 3E3828..... \textcent .85 |
| 3E3821..... \textcent .50 | 3 | 1 5/8 in. | 3E3829..... \textcent .75 |
| 3E3822..... \textcent .50 | 4 | 1 1/2 in. | 3E3830..... \textcent .70 |
| 3E3823..... \textcent .50 | 4 1/2 | 1 1/4 in. | 3E3831..... \textcent .70 |
| 3E3824..... \textcent .40 | 5 | 1 1/8 in. | 3E3832..... \textcent .70 |
| 3E3825..... \textcent .40 | 6 | 1 in. | 3E3833..... \textcent .70 |

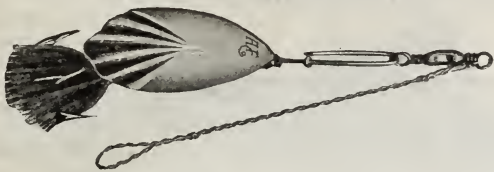
"TEMAGAMI" LAKE TROUT SPOON



Designed for heavy fishing.

- 3E3844 Size 1. Blade 2 in.....Each \textcent \$.40
 3E3845 Size 2. Blade 3 in.....Each \textcent .50
 3E3846 Size 3. Blade 4 in.....Each \textcent .60

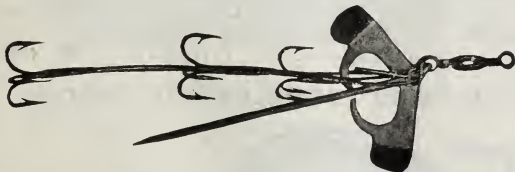
FLUTED CASTING & TROLLING SPOONS



Shanks of heavy steel wire, mounted with swivel and 6-inch twisted steel wire leader, silvered. Blades heavily nicked. Treble hooks, bright, and finely feathered.

	Size	Blade	Each		Size	Blade	Each
3E3810	8	1 in.	¢.25	3E3814	3	1 7/8 in.	¢.35
3E3811	7	1 1/8 in.	¢.25	3E3815	2	2 1/2 in.	¢.40
3E3812	6	1 1/4 in.	¢.25	3E3816	1-0	2 3/4 in.	¢.50
3E3813	4	1 5/8 in.	¢.30				

ARCHER SPINNER



Run the needle through minnow, press down points of adjustable metal fins into gills and minnow is held securely. Five sizes: Trout, Small Salmon, Salmon, Small Pike, Pike.

3E3884 Any size.....¢ \$.50

"MAINE" SPINNERS

(To conform with Special Laws)

Similar to Archer. The new styles are in various sizes same as old styles and differ only in the fact that they have a lip and one trailer hook instead of treble gangs. Five sizes: Trout, Small Salmon, Salmon, Small Pike, Pike.

3E3885 Any size.....¢ \$.50

CORNWALL SPINNER



Can be used with any size minnow.

For wall-eyed pike, pickerel, etc., on 3-foot piano wire leader and swivel. Spoon 1 1/4 inches long.

Take off the hook, run the wire loop into the minnow's mouth and out at the tail, then put on the hook, press the tube down the throat.

3E3842¢ \$.30
 3E3843 With (2 1/8-inch) nickel blade....¢ .50

CORNWALL SPINNER

Similar to above.

For Muscallonge and other large fish.

Made extra strong and with two large treble hooks; one of these is on a piece of chain ahead of the spoon, which is 3 1/2 inches long and is used for a lip hook to hold the bait.

3E4982¢ \$1.00

"DOUBLE EAGLE" BASS SPINNER



Non-tarnishing gold color metal. For bass and lake trout.

3E3804 Full length, 5 inches.....¢ \$.50

THE "TANDEM" SPOON



Blades spin fast and easily—one right and one left.

	No.	Blade		
3E3798	9	3/4-in.	Nickel or White Enamel	¢ \$.25
3E3799	8	1 -in.	Nickel or White Enamel	¢ .30
3E3800	7	1 1/8-in.	Nickel or White Enamel	¢ .35
3E3801	5	1 1/2-in.	Nickel, Enamel or Gold	¢ .50

ATTRACTORS



For all deep water trolling. It is generally placed from 10 to 20 feet ahead of the bait or spoon and its purpose is to draw fish from a distance. Made of hard rolled plate, finished one side silver and one side copper, with swivel at each end. Length, 6 inches.

3E3889¢ \$.50

THE CELEBRATED "PHANTOM" MINNOW



Finest quality pure silk bodies, beautifully colored. Furnished in blue and silver, brown spotted or silver.

	Size	Length	Each		Size	Length	Each
3E3892	0	1 1/4 in.	¢.35	3E3898	6	3 3/8 in.	¢.45
3E3893	1	2 in.	¢.35	3E3899	7	4 1/4 in.	¢.55
3E3894	2	2 1/4 in.	¢.35	3E3900	8	4 3/4 in.	¢.65
3E3895	3	2 1/2 in.	¢.35	3E3901	9	5 1/2 in.	¢.75
3E3896	4	2 7/8 in.	¢.35	3E3902	10	6 in.	¢.85
3E3897	5	3 1/4 in.	¢.35				

THE "PORPOISE" MINNOW

Same style as above, but made from fine porpoise hide, with metal head and fins. Hooks mounted on heavy six-ply twisted gut, and has 10-inch six-ply gut leader with two swivels. Made expressly for the heavy fishing and practically indestructible. Finished in blue and silver or plain silver.

	Size	Length	Each
3E3903	5	3 1/4 inches.....	¢ \$.90
3E3904	6	3 7/8 inches.....	¢ 1.00
3E3905	7	4 1/4 inches.....	¢ 1.10
3E3906	8	4 3/4 inches.....	¢ 1.20
3E3907	9	5 1/2 inches.....	¢ 1.35
3E3908	10	6 inches.....	¢ 1.50

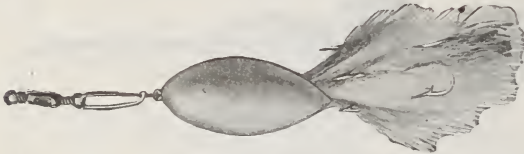
CHAUTAUQUA SPINNER—RUBBER JOINT



For bass, pickerel, pike and muscullonge. By an ingenious fastening the hooks on this spinner are always held out straight.
 3E3880 Length of Blade, 2 1/8 inches.... $\text{\textcircled{C}}$ \$.65

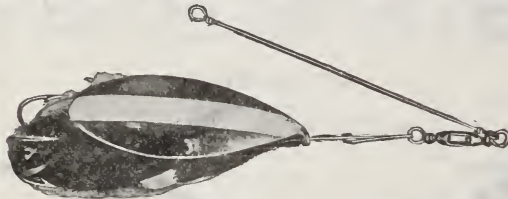
CANADA SPOON No. 4 WITH BUCKTAIL GANG

For All Large Game Fish



Has hard, light copper blade, 3 1/8 inches long.
 3E3879 $\text{\textcircled{C}}$ \$.85

"CORBETT" MUSCULLONGE SPOON



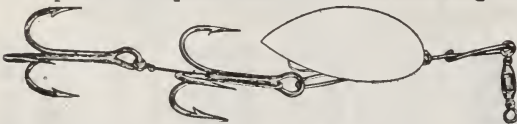
Blades spin close to shanks and are striped with white enamel.
 3E3872 Size 1. Blade, 3 inches..... $\text{\textcircled{C}}$ \$.75
 3E3873 Size 2. Blade, 4 inches..... $\text{\textcircled{C}}$.90

THE "ONTARIO" MUSCULLONGE SPOON



3E3874 Size 1. One 4 1/2-in. and 3-in. blade, double hook..... $\text{\textcircled{C}}$ \$.85
 3E3876 Size 3. One 3-in. blade, 2 treble hooks $\text{\textcircled{C}}$.65

CANADA MUSCULLONGE No. 5 Lip Hook Spoon With All Steel Gang



To be used with a bait of frog or perch. Bronze color or white spoon.
 3E3877 Blades 3 1/4 inches long..... $\text{\textcircled{C}}$ \$.85
 3E3878 Extra blades for above....Each $\text{\textcircled{C}}$.20
 Doz. $\text{\textcircled{C}}$ 2.25

THE "SIX-RAY" SPOON



The favorite salmon spoon of the Pacific coast. Also very effective for Kingfish, Bluefish, Channel Bass, Barracuda, Muscullonge, Pike, etc.

Size	Blade	Each	Size	Blade	Each
3E3848	3	2 1/4 in. $\text{\textcircled{C}}$.25	3E3851	5 1/2	4 in. $\text{\textcircled{C}}$.65
3E3849	4	2 3/4 in. $\text{\textcircled{C}}$.45	3E3852	6	4 3/4 in. $\text{\textcircled{C}}$.75
3E3850	5	3 3/4 in. $\text{\textcircled{C}}$.45	3E3853	7	5 3/4 in. $\text{\textcircled{C}}$.90

LAKE GEORGE LAKE TROUT, PIKE AND MUSCULLONGE SPOON



To take trout by deep trolling on grounds inhabited by the small white fish.

3E4993 Length of spoon, 4 1/2 inches; width, 1 1/4 inches. Each..... $\text{\textcircled{C}}$ \$.65

THE "FLORIDA" SPOON



For casting, skittering, trolling, with and without bait. Finished, nickel outside, white enamel inside.
 3E3858 Size 1. Tarpon and Bluefish; length, 5 inches..... $\text{\textcircled{C}}$ \$.50
 3E3859 Size 2. Muscullonge and Pike; length, 3 1/4 inches..... $\text{\textcircled{C}}$.30
 3E3860 Size 3. Bass and Pickerel; length, 2 inches..... $\text{\textcircled{C}}$.20

"BIG FOUR" COMBINATION SPOONS



Each spoon has four blades, easily attached, finished in silver, copper, brass and white. Mounted with twisted wire trace and swivel.
 3E3881 Size 1. Bass and togue. Blade, 2 in. $\text{\textcircled{C}}$ \$.65
 3E3882 Size 2. Pike and pickerel. Blade, 2 3/4 in. $\text{\textcircled{C}}$.75
 3E3883 Size 3. Muscullonge. Blade, 3 1/2 in. $\text{\textcircled{C}}$.85

AUTOMATIC STRIKER SPOON BAIT Silver Finish



For large trout, bass, salmon and salt water game fish, including tarpon. The spoon is slotted and the eye of the hook set through the small trigger piece which runs in the slot. When the fish strikes, the hook automatically releases itself and the strike is made by the fish at exactly the right instant.
 3E3869 Size 4. Spoon length, 2 5/8 inches.. $\text{\textcircled{C}}$ \$.55
 3E3870 Size 5. Spoon length, 3 1/4 inches.. $\text{\textcircled{C}}$.65
 3E3871 Size 6. Spoon length, 4 1/2 inches.. $\text{\textcircled{C}}$.80
 3E3871 1/2 Size 7. Spoon length, 5 1/2 inches.. $\text{\textcircled{C}}$ 1.00

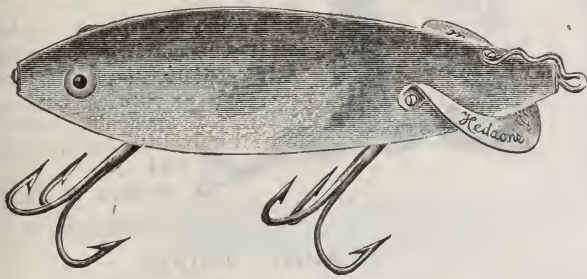
AL. WILSON SPOON



For large game fish trolling in Florida, the Gulf and California and fresh-water game fishes. German silver blades, hooks attached with patent link, which allows them to swing free in all directions.
 3E3861 Size 3. Blade, 2 3/4 inches..... $\text{\textcircled{C}}$ \$.35
 3E3862 Size 4. Blade, 2 3/4 inches..... $\text{\textcircled{C}}$.40
 3E3863 Size 5. Blade, 3 3/4 inches..... $\text{\textcircled{C}}$.50
 3E3864 Size 6. Blade, 4 1/2 inches..... $\text{\textcircled{C}}$.65
 3E3865 Size 7. Blade, 5 1/2 inches..... $\text{\textcircled{C}}$.75

DOWAGIAC MINNOWS

Dowagiacs are the best finished of any wooden lures. They will be found in the kits of all Western Anglers where the water conditions particularly favor their use. Eastern Anglers have also found them good killers in casting and trolling.



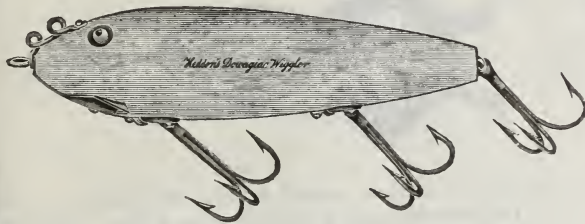
Series 1800

THE CRAB "WIGGLER"

Floats and wiggles like a crab or crawfish—asorted colors.

- 4E4990 Regular size. Each..... \$.85
- 4E4991 Baby size. Each..... .85

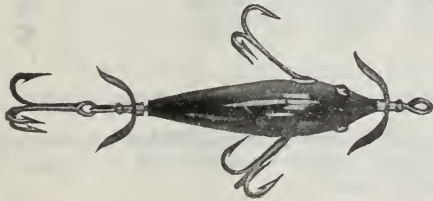
1700 Series



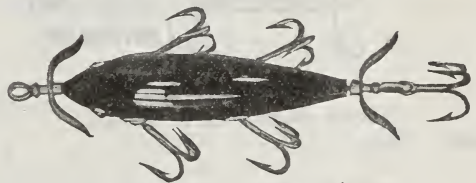
Floats, dives and swims. The Wiggler floats when at rest. As soon as the bait is moved it dives under the water and swims from side to side.

- 3E4404 \$.75

Series 100



Series 150



Length of minnow, 3¾ inches. Weight, about 15 dwts. Underwater Bait.

- 3E4317 Popular colors \$.85

Length of minnow is 2¾ inches and weighs approximately 14 dwts. Underwater Bait.

- 3E4311 Popular colors, any style..... \$.75

Series 10

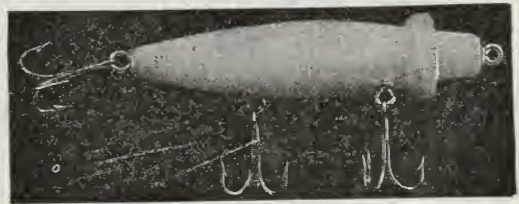


Body shaped with five flat surfaces, length of body, 2¾ inches.

Style

- 3E4309 10 White body with trouted spots \$.75
- 3E4310 11 Yellow body with trouted spots .75

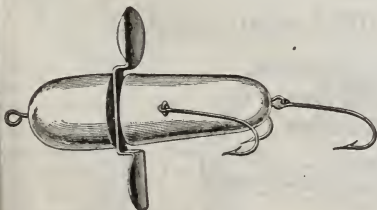
MOONLIGHT FLOATING BAIT



For large and small mouth bass, pickerel and muscallonge. This bait is excellent for night fishing. It casts a glowing phosphorescent light when on the water, and is called the "luminous, self glowing bait." It is also equally successful for day fishing.

- 3E3920 Length, 4 inches..... \$.65

MANHATTAN SURFACE BAIT



The old reliable surface bait, made of white enameled wood with three single hooks as illustrated or with three treble hooks.

- 3E4522 No. 1. Length, 2¾ inches..... \$.40
- 3E4523 No. 2. Length, 3¼ inches..... .50

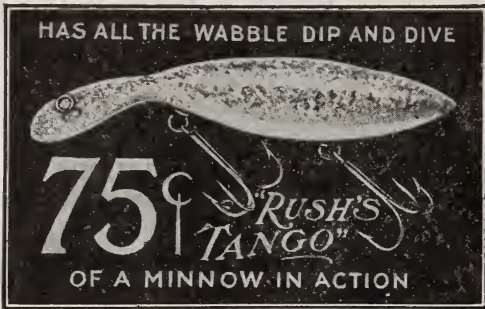
THE TROUT BOB



Similar to Moonlight Floating Bait and used for trout.

- 3E3921 Length, 1½ inches..... \$.35

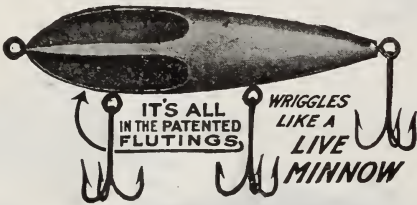
RUSH'S TANGO MINNOW



Has all the life-like swimming motions of a minnow in action. When not in action it floats. Hooks being behind the body of bait, it is practically a WEEDLESS BAIT.

- 3E4405 Assorted colors. Each..... \$.75
- 4E4992 Baby size75

WILSON'S FLUTED WOBBLER



Semi-Surface Bait

Floats when Not in Motion.

- 3E4985 Each..... \$.75

SIX IN ONE WOBBLER



New and original adjustable planes. Will float or dive from either one to six feet at will of the caster.

- 4E4253 \$.75

THE "COAXER" BAITS



Made with white bodies, red fins and tail.

Surface Baits

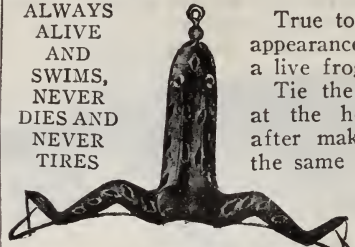
- 3E3909 Size 1. Length, 3½ inches..... \$.50
- 3E3910 Size 2. Length, 2½ inches..... .50
- 3E3911 Luminous Coaxer for night fishing75
- 3E3912 Muskie "Coaxer." Made extra large and strong for Muscallonge..... 1.00

Sinking Baits

- 3E3913 For casting or trolling, with weedless guard. Length, 3½ inches \$.40

MECHANICAL SWIMMING FROG

ALWAYS ALIVE AND SWIMS, NEVER DIES AND NEVER TIRES



True to life in action and appearance. More alive than a live frog.

Tie the line to the eyelet at the head of frog and, after making the cast, jerk the same as with a live frog and the results will be exactly life-like.

- 3E3914 \$ 1.00

"MEADOW" FROGS



Made of finest quality hollow, soft rubber, beautifully finished and painted true to nature. Mounted with bright treble hooks and gimp loop.

- 3E3915 Length, 2½ inches..... \$.30
- 3E3916 Length, 3½ inches..... .35

GREEN FROGS

Same quality as "Meadow" Frogs.

Solid soft rubber mounted with best treble hooks and gimp loop.

- 3E3917 Frog, 1¾ inches long..... \$.25
- 3E3918 Froggie, 1 inch long..... .20

LUTZ PORK RIND BAIT

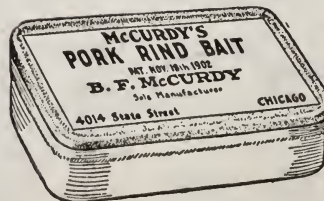
This pork is especially cured; tough and lasting, yet soft and pliable to give that minnow tail wiggle, the secret of its great success for Bass, Pike, Pickerel and all game fish. At times a strand of scarlet yarn sewed through the side or a bow knot tied in the bend of the hook will bring good results—one dozen in screw-top bottle.

- 3E4985 \$.25

By mail 25c. extra.



PORK RIND BAIT

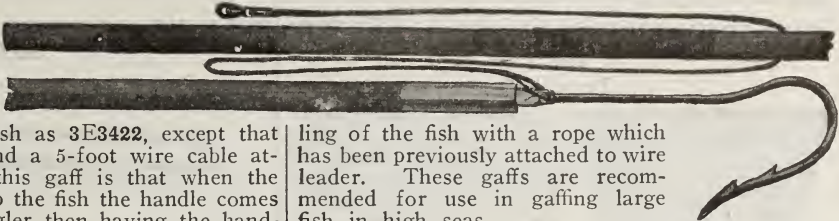


A most effective bait for Bass and Pickerel, especially for casting in connection with enameled casting spoons. Cut minnow shape and packed 8 in a box.

- 4E3939 \$.18

HORSE MACKEREL

GAFF



Made in the same finish as 3E3422, except that the hook has 2 barbs and a 5-foot wire cable attached. The object of this gaff is that when the hook has been driven into the fish the handle comes away from hook, the angler then having the hand-

ling of the fish with a rope which has been previously attached to wire leader. These gaffs are recommended for use in gaffing large fish in high seas.

4E4339 Each \$7.25

DEVIL FISH LANCE



Made especially to kill large fish which have been brought to or approached by the boat. 21 inches, hand forged steel blade, ground to a knife edge on both sides. Polished and nickel plated. Blade is 3 inches wide and screws into a 6-ft. ash handle.

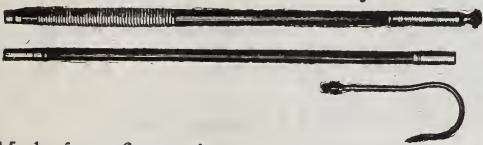
3E3531 Complete..... \$10.00

SPECIAL TARPON GAFFS

4E3421 Fine tempered steel tang hook, polished and plated, with 6-foot ash handle, slot for hook..... \$2.75

4E3422 Extra fine and heavy gaff hook, ground, tempered and plated. Hook screws into strong waterproof socket on 6-foot straight grained selected ash handle, with cord wrapped hand grasps 5.00

MOUNTED GAFFS—Style A



Made from fine spring steel. Hook 8 inches long, 2½ inches wide, with two jointed, 4-foot handle. 4E3412 \$1.50

Style B



Size of hook, 7 inches long by 2 inches wide. Handle, 3 feet long with scored grip. 3E3413 \$.50

SPEARS

3E3425 \$.50
Hand-forged 5-prong barbed with long screw tong and ferule, 3¾ spread.
3E3426 \$.75

SUCKER SPEARS

3E3270 5-prong 3-inch spread tonged. \$.18
3E3271 6-prong 3¾-in. spread tonged. .20

FROG SPEARS

3E3424 5-prong socket and guard... \$.20

EEL SPEARS

3E3427 For mud 6 chant \$1.25
3E3428 For sand 7 chant 1.50



TELESCOPING IMPORTED ENGLISH SALMON GAFFS



Style 1. 15½ inches when closed—opened, 28 inches long. Barbed point protected by screw cap. 4E3414 \$4.00



Style 2. A very strong, serviceable gaff, 15 inches when closed, 36 inches when opened. Has three sections. The guard, which protects point of gaff, folds against shaft when in use. Weight, 15 ounces. 4E3415 \$6.00

“IDEAL” SECTIONAL GAFF HOOKS



Set up, is as strong and rigid as one piece. Length, set up, 21 inches; unjointed, 7 inches. Weighs but 5 ounces. Nickel plated, ebonized handle. 4E3423 \$1.00

SCREW GAFF HOOKS

These hooks are threaded and will screw into all “Harrimac” handles.

3E3416 Size, 8 inches long, 2½ inches wide \$.50
3E3417 Socket to fit hook to plain handle. .25

TANG HOOKS

For lashing upon plain handles.
4E3418 Size, 7 inches long by 3 inches wide \$.30
4E3419 Size, 7 inches long by 2 inches wide .25
4E3420 Tarpon gaff Hand forge steel, tempered and plated..... 1.50

HARPOONS

Best pattern folding leaf head. The most approved design for harpooning all large fish. Made of best tool steel, hand forged and tempered, heavily nickel plated over copper. Prices include steel bar for connection with handle.

4E3429 Small \$3.50
4E4999 Medium 3.75
4E3430 Large 4.00
4-foot bronze wire cable spliced in eye of harpoon, with swivel at end, extra 1.50

JOINTED HARPOON HANDLES

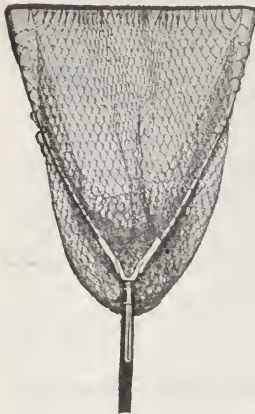
Made of selected second-growth ash in 5-foot sections joining with waterproof screw connection, making complete handle 10 feet long. Fitted with slotted head and set screw for attaching harpoon.

4E3431 \$4.50



THE JOHN BRIGHT SALMON LANDING NET

(Imported)

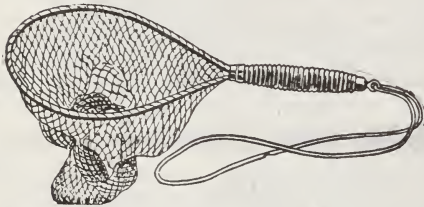


Made for landing heavy fish. This net is made with hickory arms, 28 inches long, and a heavy leather thong across the top and fitted with a 37-inch strong black English salmon net. Hickory handle 4½ feet long, which screws on the frame.

The frame is easily put together and can be taken apart without removing the net for convenience in packing.

3E4381 Complete ₤ \$8.50
3E4382 Extra nets, each . ₤ 1.75

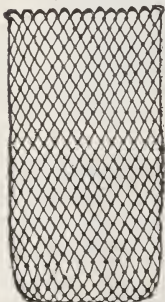
"BROOK" LANDING NET



A good model for trout fishing. Well made with rattan frame and wood handle, fitted with elastic rubber cord for carrying over shoulder, which permits of the net being stretched to full arm's length adjusting itself close under the arm when released.

3E3391 Complete with good net..... ₤ \$.75

SQUARE BOTTOM LANDING NETS



When netted, the fish lie flat in the bottom, lessening the chance of escape, and they are more easily removed. They are also much easier to handle as they open out full and roomy when scooping, and do not pull in the water as the taper nets do.

All have double top loops to fit over net frame, insuring greater strength and durability.

Deep	Waterproof	Linen
3E3393 20 inches	₤ .60	₤ .35
3E3394 24 inches	₤ .75	₤ .50
3E3395 30 inches	₤ 1.00	₤ .65
3E3396 36 inches	₤ 1.25	₤ .75

When ordering give number and state which material is desired.

RONDACK

Square Bottom Fine Mesh Landing Nets

Hard finish and waterproof. These nets are a great improvement over the ordinary kind—many times when landing small fish, they get caught by the gills in the coarse mesh. A fish so caught will die even if it is released immediately.

Deep	Price	Deep	Price
3E4996 18 in.	₤ \$1.25	3E4998 24 in.	₤ 2.00
3E4997 21 in.	₤ 1.50	3E4999 30 in.	₤ 2.50

They can also be used for catching minnows.

FOLDING LANDING NET RINGS WITH STAFF



They are very light, yet strong and durable. The ring is folded or expanded easily and quickly, and it is never necessary to remove the net. The handles, which are made in two pieces, are jointed by a strong ferrule the same as a rod, and are 4 feet long when jointed. Size of ring when open, 15x13¾ inches.

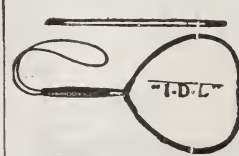
- 4E3400 Steel frame, nickel plated, wood handle ₤ \$2.50
 - 4E3401 Steel frame, nickel plated, bamboo handle ₤ 2.75
 - 4E3402 Bronze frame (rust-proof), bamboo handle ₤ 3.50
 - 4E3403 Steel frame, extra strong, bamboo handle ₤ 3.75
- (All fitted with Waterproof Nets).
- 4E3400R Frame with Rondack Net..... ₤ \$3.75
 - 4E3401R Frame with Rondack Net..... ₤ 4.00
 - 4E3402R Frame with Rondack Net..... ₤ 5.00
 - 4E3403R Frame with Rondack Net..... ₤ 5.25

Salmon Model

Made especially for salmon fishing, for fish of medium size, and when it is more desirable to net the fish instead of gaffing. Has 6-foot, 2-jointed bamboo handle. Ring when open, 19x16 inches.

- 4E3404 Steel frame, japanned, with braided linen waterproof net..... ₤ \$4.00
- With Rondack Net..... ₤ 5.75

"I D L" Wading Model



For wading streams and all purposes where a "handy" net is required. Has a 6-inch scored wood handle and elastic cord for carrying the net over the shoulder—it allows the net

to be stretched at arm's length and, when released, holds it snugly below the arm. Size when opened, 9¾x11 inches. Trout size. Japanned frame with linen net.

- 4E3405 ₤ \$1.35
- 4E5000 I D L Wading Model with waterproof square bottom net..... ₤ 1.60
- 3E5001 With Rondack Net..... ₤ 2.25

"I D L" Canoe Model

This model is a general favorite where a medium size is required, when the elastic cord is not favored. It has a 30-inch bamboo handle. Size of ring when opened, 11¾x13 inches.

- Bass size.
- 4E5002 With square bottom net..... ₤ \$1.35
- 4E3406 With square bottom waterproof net ₤ 1.60
- 4E5003 With Rondack Net..... ₤ 2.25

REGULAR COTTON MINNOW DIP NETS

The best quality and make. Mesh is 3/8-inch at top, tapering to 3-16-inch at bottom.

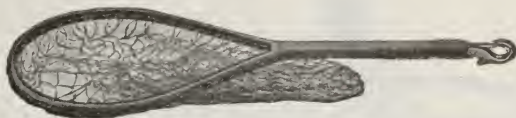
Deep	Price	Deep	Price
3E3384 18 in.	₤ \$.45	3E3387 36 in.	₤ \$1.25
3E3385 24 in.	₤ .70	3E3388 48 in.	₤ 1.75
3E3386 30 in.	₤ .95	3E3389 60 in.	₤ 3.60

THE "BEAVERKILL" LANDING NET—(Not collapsible)

A bully little net for trout fishing

Weighs 4¼ oz., 20 inches long, 10x8-inch ring, waterproof net, hickory bow, cord-wound handle, all well varnished and fitted with a simple aluminum snap catch (to hang on basket strap, suspender or loop) that can be released in an instant to land your fish. Always ready and at hand when wanted and nothing to get out of order.

4E4997 \$1.50



RANGELY LANDING NET

Made with a 14-inch galvanized ring which does not collapse. The bamboo handle is 4 feet long.

4E3409 \$1.25

THE BARNES LANDING NET

(Collapsible)

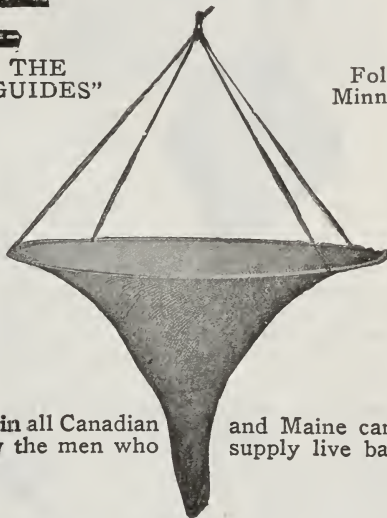
Made of aluminum throughout. The simplest, strongest and lightest landing net frame made. Handle folds back into ring. When folded the net can be attached by a leather loop to belt or coat button, where it can be reached easily and opened automatically with one hand, making it very convenient.

4E3997 Frame with net \$2.25



THE "GUIDES"

Folding Minnow Net



Used in all Canadian by the men who

and Maine camps supply live bait.

The nets are hand made of fine quality, barked or tan color, hung on iron ring which folds in the center for convenience in carrying or packing.

3E5004 Net 3 ft. diameter, 3 ft. deep..... \$6.50
3E5005 Net 4 ft. diameter, 4 ft. deep..... 8.00

THE KING UMBRELLA MINNOW NET



Arms are 28 inches long—opens and closes like an umbrella.

Net is 3 feet square when opened — when closed 30 inches—put up in cloth bag.

3E4530 Price .. \$1.70

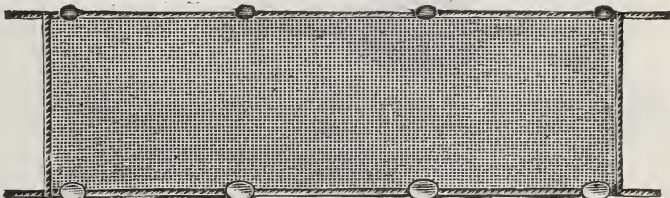
CHUMMING MACHINE

For grinding Menhaden or Mossbunkers with which to "chum" or bait up the fishing grounds.

4E3379.....\$6.50



PLAIN MINNOW SEINES



Rigged with floats and sinkers, ready for use. All finished in mud color. 4 ft. deep, 1/8-inch mesh.

3E3366½ 4 feet..... \$.48
3E3367 8 feet..... .96
3E3368 12 feet..... 1.44
3E3369 15 feet..... 1.80
3E3370 20 feet..... 2.40
3E3370½ 30 ft..... 2.60

EXTRA QUALITY MINNOW SEINES

Fine hand-made netting built for service, brown color, thoroughly waterproofed, 20 feet long, 4 feet deep, 1/4-inch mesh. Rigged with cork floats and leads, ready for use.

3E3371 \$8.50

MINNOW PAIL DIP NETS



For removing minnows safely from bait pails, seines and traps. Nickel-plated frame with 6-inch net.

3E3390 \$.25

MINNOW OR SHRIMP NETS

Three-eighth-inch mesh. Twine 20-6 cord. Rigged ready for use.

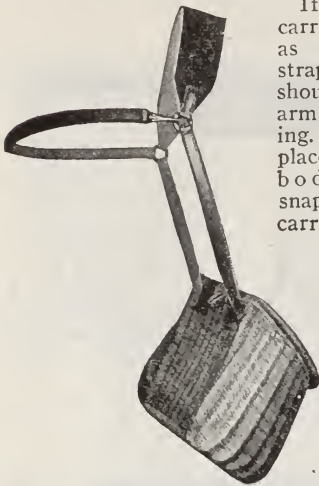
3E3372 4 feet \$7.30
3E3373 4½ feet 8.50

MULLET CASTING NETS

One-inch mesh. Twine 20-9 cord. Rigged ready for use.

3E3374 4½ feet \$3.25
3E3375 5 feet 3.50
3E3376 6 feet 4.50

BASKET SLINGS AND STRAPS



If the basket is to be carried on the left side, as usual, the carrying strap passes over the left shoulder, leaving the right arm entirely free for casting. Basket is held in place by strap around body, fastening with snap-hook, and can be carried on either side as preferred.

3E3466 Plain leather strap. For creels and bait boxes **4¢ \$.20**

3E3467 Leather and webbing **4¢ \$.20**

4E3468 New style. Made of brown webbing **4¢ \$.50**

- 4E3469 New style. All leather. Padded shoulder strap **4¢ 1.25**
- 4E3470 New style. Made of finest quality webbing and leather **4¢ 1.75**
- 4E3471 New style. Made of soft, waterproof leather **4¢ 2.25**

COLLAPSIBLE WATERPROOF FISH AND GAME BAG

Made of waterproof canvas with shoulder straps. Has an extra pocket outside to hold Fly Book, Lunch, etc. Grass or moss may be wet to keep fish fresh, as the bag is water tight and will not drip.

NOTE:—Use soap, water and brush when cleaning. Do not boil.

- 3E3483 10x12 inches **4¢ \$1.00**
- 3E3484 11x15 inches **4¢ 1.25**

Loose lining which can be taken out and washed. Extra **4¢ \$.50**



"DUPLEX" FOLDING CANVAS CREEL
Waterproof



Open



Folded

Made of heavy brown waterproof canvas with japanned steel frame and braces. Its portability is a great feature.

Can be washed with hot water, keeping it sweet and clean. Rigid when set up and ventilation is secured by eyelets in sides and bottom. Price includes shoulder straps.

	Length	Width	Depth	Folded	
3E3478	10	4½	5½	6x7x3	\$2.00
3E3479	12	5½	7½	7x8x3	2.50

"HANDY" FOLDING CREEL



Made of good canvas, tan color, and is strong and durable. A convenient creel for either fish or small game. Can be folded flat and carried in the valise or pocket. Made in two sizes of 20 or 25 lbs. capacity.

4E3480 Any size, including shoulder straps **4¢ \$1.00**

SNAGGED HOOK RELEASER

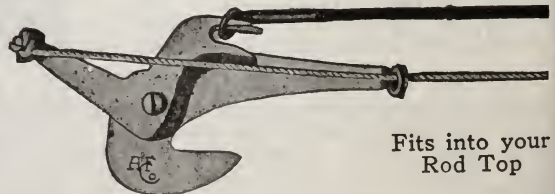


RELEASING THE HOOK

When "snagged," don't pull, break and lose several feet of line. The Snagged Hook Releaser releases snagged hooks, spoons, spinners, minnows, etc.

- 3E4274 Trout and bass size **4¢ \$.25**
- 3E4275 Pike, pickerel and muscallonge **4¢ .35**

LINE RELEASER



Fits into your Rod Top

Sometimes by carelessness a fly is caught on the twig of a tree and often beyond the reach. This little tool, when used as per illustration, and which is easy to manipulate, will release it and save the fisherman money and bother. Made of fine steel, ground and finished. Size, 2¾x1½ inches. Weight, ½ ounce.

3E3544½ In leather carrying case **\$1.00**

CORK FLOATS



Barrel



Egg

- | | | | |
|-----------------------------|--------|--------|--------|
| | Small | Medium | Large |
| 3E4377 Barrel shape, each.. | \$.05 | \$.10 | \$.15 |
| 3E4378 Egg shape, each.. | .10 | .15 | .20 |

IDEAL FISHING FLOATS



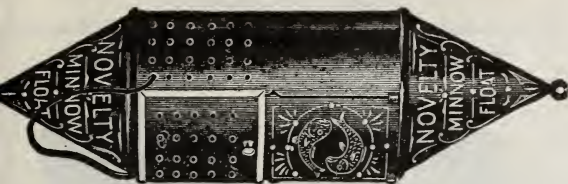
More service in one "Ideal" than in dozens of old style floats. Metal band doesn't break and cannot come off. Metal ferrule at bottom—no getting out of order. Colors—red and green or white and green.

- 3E4268 Length, 2½-inch **4¢ \$.10**
- 3E4269 Length, 3½-inch **4¢ .15**
- 3E4270 Length, 5 -inch **4¢ .40**
- 3E4271 Length, 6 -inch **4¢ .50**

PORCUPINE QUILL FLOATS

- 4E— Double tapered 4, 6, 8 inches long. Each **\$.10**

LIVE MINNOW FLOAT



As it is only perforated for half its length it can be carried the same as the regular pail. Made of heavy galvanized iron finished in best baked enamel. Has self-locking sliding cover.

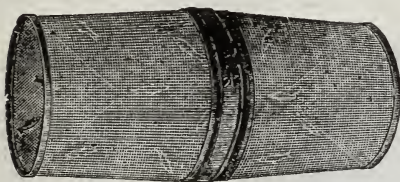
3E3358 Length, 24 inches. Diameter, 7½ inches. Capacity, 10 quarts..... \$1.75

BRIGGS "LEAD-IN" TRAP



An inexpensive minnow trap when connected with a Mason fruit jar or other suitable screen.

3E3361 Trap only \$.50



"GEE"
MINNOW
TRAP

Made of steel wire netting, heavily galvanized. Diameter, 10 inches. Length, 16 inches. Breaks in the center and one piece packs inside the other.

4E3359 \$1.00

"CAMP" MINNOW TRAP

Just the thing for bungalow or permanent camp use. Similar to Gee minnow trap with solid flat bottom and sliding door at back end for taking out bait. Length 30 inches, height 13½, width 16. One size only. All galvanized metal and wire.

3E4606 Each \$3.00

PYOTT'S IDEAL FROG CARRIER



It is light, compact and sanitary. After being used it can be compressed into a space of five inches wide and one-half an inch deep and can be slipped into the coat pocket if desired.

It is made in two sizes. The small one, 5x7 inches high, will carry two dozen frogs. The large one, 8x8 inches high, will carry five dozen frogs.

3E4237 Small size. Each..... \$.50
Postage, 5 cents extra.

3E4238 Large size. Each..... .75
Postage, 10 cents extra.

French willow and Canadian Creels are made abroad. Prices are temporarily withdrawn, as supply is uncertain. Prices on application.

FRENCH WILLOW BASKETS—Special Make



We equip these baskets with heavy hand-sewed leather hinges and with straps and buckle fastening, making them durable and secure. All have the opening on the forward side of cover. Made of pressed willow, with curved backs to fit close to the body.

	Capacity		Capacity
3E3443	6 lbs.....	3E3447	25 lbs.....
3E3444	9 lbs.....	3E3448	30 lbs.....
3E3445	12 lbs.....	3E3449	35 lbs.....
3E3446	20 lbs.....		

FRENCH WILLOW BASKETS

Grade B—With Willow Hinges

These are made of round willow, and not so closely woven as our own special make. In all other respects they have the same appearance as French willow baskets shown above.

	Capacity		Capacity
3E3450	6 lbs.....	3E3454	25 lbs.....
3E3451	9 lbs.....	3E3455	30 lbs.....
3E3452	12 lbs.....	3E3456	35 lbs.....
3E3453	20 lbs.....		

THE CANADIAN CREEL

Designed Especially for Carrying Large Fish



It is 18 inches long, but only 8 inches high. Made very strong, of extra quality willow, stained brown.

The hole in cover is placed near the end.

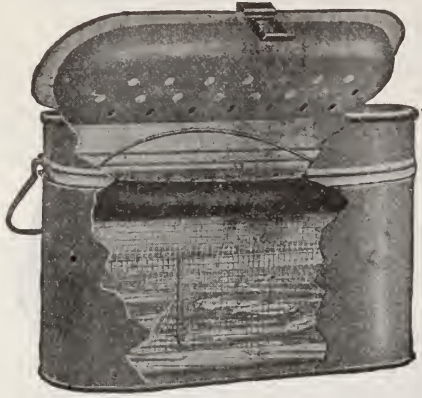
3E3459 Made in one size only.....
With leather hinges, extra.....

WATERPROOF POCKETS FOR BASKETS

For use with the willow basket and a very handy device for carrying lunch, fly books, etc., in the basket. Made of pantasote, perfectly waterproof and can be washed as often as necessary. Fits inside the basket and is held in place by passing the carrying strap through the slits in the pocket. In ordering give the length and height of basket at the back.

3E3460	Small.....	\$.75
3E3461	Medium.....	1.00
3E3462	Large.....	1.50

THE "JONES" MINNOW PAIL



Wherever minnows must be kept for any length of time or transported for any considerable distance this pail will be found invaluable. Its great advantage is the compressed air tank at top, which is pumped up with an ordinary bicycle pump. The tank is connected with the water reservoir in which the minnows are kept and sends a constant supply of air through the water, keeping it perfectly aerated and preserving the minnows indefinitely. The tank also serves as a float when it is desired to place the inset in a lake or stream. The flow of air may be regulated at pleasure by opening or pinching together the end of air pipe. Both pails are oblong in shape, which is best for minnows and also more convenient to carry. 3E3356 has inset cover for ice.

3E3355 Size 6 x 8x15 ins. Capacity, 8 qts. \$2.25
 3E3356 Size 6½x10x16 ins. Capacity, 12 qts. 3.00
 3E3357 Pumps, for use with above pails.... .25

THE BANTA AERATING MINNOW PAIL
 Oval Shape



Fig. 1, Handle; Fig. 2, Air Pump Handle; Fig. 3, Cloth Covering; Fig. 4, Perforated Lid; Fig. 5, Minnows; Fig. 6, Water; Fig. 7, Air Bubbles from the Pump; Fig. 8, Galvanized Top; Fig. 9, Lid Hinge.

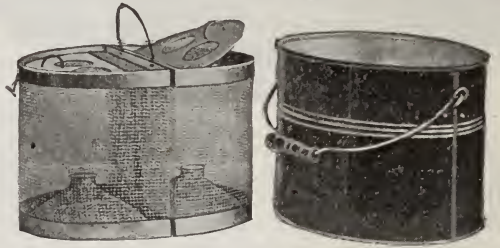
The pail is covered with cloth to which is attached a small bunch of candle wick that goes down into the water from the top of the pail. This keeps the cloth damp and the evaporation keeps the water cool in the bucket.

The Banta Pail "keeps 'em alive." Don't change the water. Push the air-pump now and then; that puts new air into the water—new LIFE into the minnows.

3E4338 10-quart. (Oval shape)..... \$2.00

THE "WONDER"

Combination Bait Pail and Trap for Minnows, Frogs, Crawfish, Helgramites and Killies



For fresh and salt-water fishing. Made of galvanized metal and wire in the best possible manner. Unlike any other trap or bait pail made.

- A first-class bait trap.
- A convenient bait pail.
- Will make one large or two small traps.
- Will make two bait holders.
- Used for two different kinds of bait.

Ice can be used in one side where it will not crush or kill bait in the other.

If bait runs low, one side can be set as trap for more bait, while other is being used for fishing.

3E4922 \$3.00

"A. & F." FLOATER



Pail and inset both galvanized—perfectly rust and weather-proof. Inset is galvanized wire. All galvanizing is done after being made up, filling all seams and joints. Has sunk top for holding ice. Inset has solid bottom and rim to hold water while being transferred, and has wire bail and self-locking perforated cover. Capacity, 10 quarts.

3E3352 Round..... \$1.50

3E4239 Oval, 10 quarts..... 1.50

3E4240 Oval, 12 quarts..... 1.75

"DUPLEX" FOLDING BAIT PAIL



It can be opened or folded in an instant, and the metal rim at bottom raises the pail from the floor and the side arms hold it rigid and upright. The top has raised edge for ice-cooling, and perfect aeration is secured by numerous metal eyelets. Water is easily and quickly changed without any injury to minnows. Made of heavy brown canvas, with pantasote bottoms, and are absolutely waterproof. Rims and braces of strong spring steel, heavily japanned. Fitted with strong handles.

	Style	Qts.	Dia.	Depth	Folded	
3E3481	Round	6	10	7½	10½x6 x2¼	\$1.50
3E3482	Oval	10	12	9½	12¼x6¼x2½	2.50

"FISHERMAN'S CARRYALL" BELT



Bait Casters—No more worrying about your wooden minnows—this belt will take care of them at home, when traveling and when fishing out of a boat or from the shore. There is a place for the fly book, leader box, hooks, sinkers, small spinners, dry fly bottle, etc., if used for fly and light bait fishing. It will carry six wooden minnows, two Decker bass baits or a tackle book or reel, hooks, sinkers, swivels, etc. You can change minnows in an instant as there are no more

foul hooks to be taken care of. Boxes will also hold bait.

The belts are made of Olive Drab material which is waterproof and can be folded in a small space and carried in a waterproof bag.

- 3E3231 Carryall Belt.....**40¢** \$3.25
- 3E3232 Carryall Bag.....**40¢** .50

We also supply lacquered tin boxes in which the wood minnows can be dropped and removed from easily. These are the correct size to fit the pockets in the belt, and can also be used for taking care of minnows, spoons, etc., in the tackle box or trunk.

- 3E3233 Carryall Boxes, each \$.15

PICKEREL TRAPS

A new model trap that is a favorite wherever used. Constructed on the "tip-up" principle. 20-inch strong maple upright, brass trigger arm and steel standard with red signal flag. Upright is notched both ends so that line can be wound up with trap quickly.

- 3E3433 Each \$.10
- Dozen 1.00
- 3E3434 Lines suitable for use with above, in hanks, per dozen..... 1.25

"FISHING RECORDS" (or Memorandum)

3 3/4 inches wide, 4 1/2 inches long. Fine quality paper—gilt edge and leather bound. Ruled under the following headings: "Date," "Where Caught," "Wind," "Weather," "Water," "Fish," "Weight," "Remarks."

Many incidents occur on a fishing trip which are interesting and worth while to remember. Write them in this little book and the next time you leave for a trip (perhaps to the same place) you will find them valuable.

- 3E4463**40¢** \$.75

FISH STRINGERS

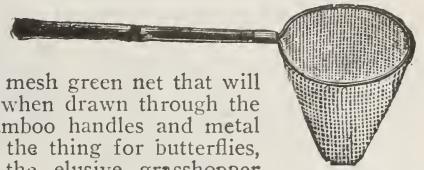
- 3E4278 Chain stringer, threading needle, patent handle**40¢** \$.15

FISH BAGS OR LIVE NETS

To keep fish alive by tying bag to side of boat—1-inch square mesh.

- 3E4297 24 inches deep.....**40¢** \$.30
- 3E4298 30 inches deep.....**40¢** .40
- 3E4299 36 inches deep.....**40¢** .50

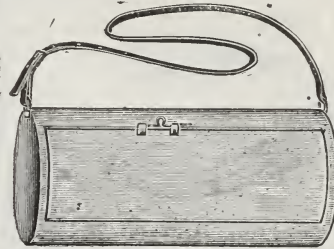
BUTTERFLY AND GRASSHOPPER NET



Light fine mesh green net that will balloon out when drawn through the air, with bamboo handles and metal rings. Just the thing for butterflies, moths and the elusive grasshopper and meadow frog.

- 3E4494 1/2 With one piece, 4-foot handle. Round ring, 11 inches diameter..... \$.85

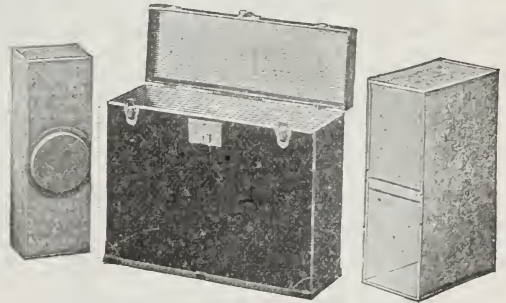
BUTTERFLY CARRIER—OR VASCULUM



Made of tin baked in green enamel, fitted with a sliding door and sling strap for carrying over the shoulder — oval shape with flat ends—14 inches long.

- 3E4495 Each \$2.00

THE "REFRIGERETTE" Lunch and Fish Refrigerator



18 1/4 x 16 x 6 3/4 inches—Case is made of three-ply Basswood Veneer, covered with heavy waterproof enameled duck in black. Corners reinforced with metal—handle on cover, which closes with nickel spring clasps and lock.

The inside and ice retort is of galvanized metal; is removable, and will not rust. Refreshments can be carried to the fishing ground and kept cool while the day's catch may be brought home in splendid condition if ice retort is kept filled. Fish can be kept fresh in this case forty-eight hours.

- 3E4773 **\$12.00**



KEEP 'EM ALIVE FISH STRINGER

This fish stringer is the strongest and safest made.

Will stand a hundred pound strain distributed on the different hooks. Each fish is secured separately, and can be kept alive 2 or 3 days.

The "Keep 'em Alive" may be used when hunting, as it is equally as convenient and serviceable for stringing rabbits, squirrels, partridge, quail, and other small game.

- 3E4279 Each.....**40¢** \$.50

ANGLER'S TOOLS AND SUNDRIES

All of best make and finest quality.

Tweezers

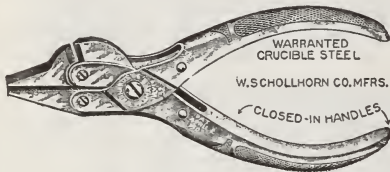
3E3548 Fine tempered steel, nickel-plated, matted sides and grip. \$.35

Screwdrivers

Best quality jeweler's "one-hand" screwdrivers. Held and operated with 3 fingers. Finely nickel-plated; for small screws in reels, guns, etc.

4E3550 \$.50

Pliers



- 4E3551 One of the best tools of its kind. Made of fine quality steel, full nickel-plated, open throat. Parallel jaws (for cutting). Length, 5 in. \$1.25
- 4E3552 Flat nose, 3½ inches long (not cutting). Parallel jaws.75
- 4E3553 Round Nose, 4 inches long (not cutting). Parallel jaws.75
- 4E4993 Round pointed nose with straight jaws and wire cutter on the side for leader wire. 4 inch.75

Files

Best Quality Imported. Very Fine.

- 3E3554 Flat Hook Files, tapered. \$.25
- 4E3555 3-Cornered Cutting Files.25
- 3E3556 Round or "Rat-tail" for reaming.25

"Vest Pocket" Screwdrivers

Especially useful for starting large screws in reels. Fine tempered steel, blued, with broad finger grasp. Worn on watch chain or key-ring. 1½ inch long.

3E3558 \$.10

Pocket Oiler

"One Drop" oilers—the best made. Solid metal and cannot break. Milled cap with wire dropper.

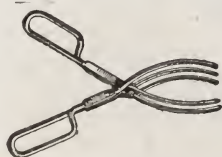
3E2240 \$.15

A. & F. FINE REEL OIL

In the care of fine reels the quality of oil should not be overlooked. Our oil will not thicken or gum. A few drops of oil occasionally applied to clean bearings will double the life of any reel.

3E3272 Per bottle. \$.15

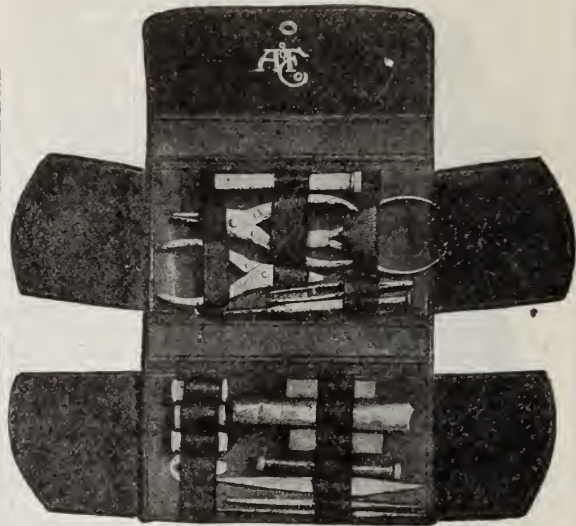
FISH AND CRAB TONGS



They can't get away from them. Just the thing to hold eels, crabs and fish when removing the hooks. Made of steel nickel plated. Length 8 inches, weight 5½ oz.

4E4996 Each \$.25

PERFECTION REPAIR KIT



Highest quality, finely nickel plated, round-nose and flat-nose pliers, both "parallel opening," fine tempered close-cutting nippers, jeweler's rotary screwdriver, prick punch, instead of spool of wire shown in the cut, pocket screwdriver, tweezers, one-drop oil can, polishing paper, emery cloth, ferrule cement, hook file, cutting file, round file, wrapping silk, wrapping linen and piece of wax. Put up in a handsome morocco or pigskin case, with extra pocket for "odds and ends." Case opens flat. Size when closed, 6 inches by 1 inch thick. Weight, 10 ounces.

- 4E3546 Morocco case \$8.50
- 4E3547 Pigskin case 9.00

VEST POCKET FORCEPS AND CUTTERS



Finest quality tempered steel, heavily nickel plated. Useful for snipping off frayed ends of line, gut, etc., and for picking out snarls in reel. Indispensable to those who use eyed flies.

4E3545 Finest quality steel. Nickel plated. \$1.50

"GLOUCESTER" FISH KNIFE



It is the best knife made for scaling, slitting and skinning fish. Finest steel and carefully made. Top of point is sharp for slitting, and saw-back gives a steady hold, and is excellent for rough scaling. Scored cocobolo handle with bolster and hole for thong or lanyard.

4E1656¼ Length of blade, 4¾ in.; weight, 4½ oz. In leather sheath. \$.65

MARBLE'S SAFETY FISH KNIFE



A handy knife with a blade patterned somewhat after our "Gloucester." Good steel with saw-tooth back. Stamped German silver handle. Made like a clasp knife.

4E1657 Length of blade, 4 in.; wgt., 3¼ oz. \$1.25

These are made abroad and the supply is uncertain. If out of stock we will send the sportsman's head net instead.

"SMOKER'S" HEAD PROTECTOR



Adjustable over hat band and around the neck. The material is a very fine gauze, into the front of which is inserted a net made of horse hair, which is strong, flexible and will not break. Into the horse hair net is set a button-shaped self-closing valve covered with slotted rubber; through this a pipe may be inserted.

3E1790 ₤ \$1.00

SPORTSMAN'S HEAD NET



It does not gather around the neck; the yoke holds the net well away from the face. It has a top of light weight twill, the spread of which is held in shape by the hat. The material is all-over English net, and the bottom is fitted with a yoke which sets snugly over the shoulders and ties with lacing

under the arms. We have this head net with green, brown and white netting.

3E1790 Any color..... ₤ \$1.00

GAUNTLET FISHING GLOVES

Offers best protection from bites of flies and mosquitoes and will retain softness and pliability regardless of repeated soakings. Tan color and open fingertips for handling flies, leaders, etc. Tanalite cloth above the wrist with elastic to clasp above the elbow.



4E4395 ₤ \$2.00

Gloves without the Tanalite sleeves as illustrated.

4E4305 ₤ \$1.25

Regular cotton gloves to protect the hands when trolling, etc.

4E4494 ₤ \$.15

FISHING AND PACK BASKET



Made of combined Willow and Rattan, metal hinges, lock and hasp, all strongly riveted. The very strong construction of this basket allows it to be used as a seat for the angler or camper. Light brown in color, well varnished.

3E3463 Capacity, 20 lbs... ₤2.25

3E3464 Capacity, 25 lbs... 2.50

3E3465 Capacity, 30 lbs.. 2.75

FLY DOPE



No "North Woods toilet" for the spring and summer is complete without a generous supply of good "dope." The "Touradif" fly dope is compounded and put up by ourselves on our own original formula and none but the purest ingredients are used. As a protection against the bites of black flies and gnats it has no equal. As it has a good heavy base, it is more lasting in effects than most "dopes," and an occasional application is all that will be required. Clean and pleasant to handle and agreeably scented. It is also a most excellent skin softener. Excellent for chap or sunburn.

3E1794 In Friction-Top Tins, 1 oz..... ₤ \$.25

3E1795 In Collapsible Tubes, 2 oz..... ₤ .25

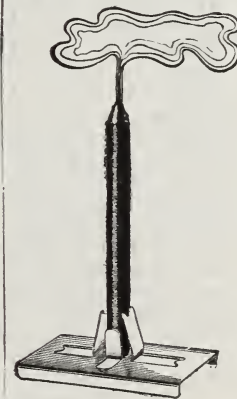
DARLING'S BLACK-FLY LOTION



This is not a preventive, but a cure for the bite of this merciless pest. It will be found most efficacious in practically all cases and should be included in the kit of every sportsman and tourist in "fly time." Its base is a pure, sweet oil and contains nothing to injure the most tender skin, but on the contrary is a skin emollient and an excellent remedy for sunburn.

3E1796 Per 2 oz. vial..... ₤ .25

"MOSQUITO-FOE"



Mosquito-Foe is a short black stick, one-quarter of an inch thick, which is set into a holder and will burn for about one hour, giving off a fragrant odor of the woods. Two of the sticks allowed to burn for one hour in a closed tent or room will eliminate every mosquito. Its use will give positive relief, as mosquitoes clear out or die in contact with these fumes. Packed in box of 16 sticks with holder.

3E1374 ₤ .25

FISH SCALER AND SHREDDER



No trouble to scale the largest fish with this scaler. Just scrape the scales off. Is also the very best

means of shredding fish meat.

3E4654 ₤ .10

BOAT ROD REST



Made of best quality sole leather. The flat or bottom plate, also the cups, are lined with a brass plate to keep them rigid—clamps are solid brass.

3E4944 Rest only ₤ \$1.75

3E4945 Rest with clamps..... ₤ 2.50

OUTDOOR CLOTHES

We are embracing in this catalog those clothes for Outdoor Sports, for men, women and children, which have stood the test of actual sportsmen's use. Abercrombie & Fitch Clothes for the Big Game Hunter, the Fisherman, the Explorer and the Mountain Climber have a world-wide reputation. This house has devoted years of study and thought to the subject, and is the originator of many garments specially designed to combine the necessary freedom of limb and protection against weather conditions. These designs are all based upon an unlimited fund of personal experience. Much of the clothing listed here cannot be obtained elsewhere.

In addition to these clothes for rougher use, the Abercrombie & Fitch Company makes a specialty of men's and women's apparel for Golf, Tennis, Motoring and general Country use, embracing the very latest things in model and fabric used by the leading sportsmen and sportswomen of both Europe and America.

While this apparel is not listed here, samples and information will be given by our mail order department on application.

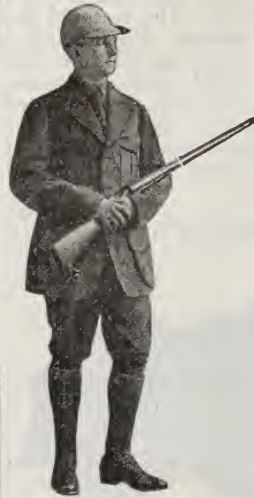
References are made in the following pages to special materials from which the clothing is made, a description of these materials will be found on page 150.

MEN'S AND BOYS' OUTING CLOTHING



8-OZ. DUCK HUNTING JACKETS

A very serviceable hunting coat made to conform to the demands of a field coat in every way — of heavy olive brown duck. Edges of coat and pocket flaps leather bound and all corners of pockets leather stayed. Corduroy collar inside roomy game pocket; access to pocket from front and side.



OUR COVEY CLOTH SHOOTING SUIT

Coat is our field model, with back pleats and arm pleats; big roomy pockets bellowsed. The de Luxe outfit for southern stubbles or following the field trials and chickens on the prairie.

- 4B7739 Price **☛** \$7.50
- Hunting model cap as illustrated of covey cloth.
- 4B7757 Price **☛** \$2.50

- 4B7740 Coat strictly tailored throughout. **☛** \$28.00
- Trousers laced bottom. **☛** \$15.00
- The perfect shooting cap of khaki. **☛** \$1.50

- Shoes, Men's Moccasin Style..... **☛** \$6.75
- Spring Leggings, Pigskin and Russian calf **☛** \$7.50

TRAP SHOOTERS' COAT

Made of fine quality reindeer leather, with sweater collar and wristlets. Body of garment covered with woolen cloth; has stretching pleat in back to allow perfect freedom.

- 4B7758 Colors, grey zibeline with red stripe, tan suede cloth \$12.00
- Tan camelshair \$15.00
- Light grey zibeline. \$15.00
- Light green zibeline. \$15.00
- Tan check cashmere. \$15.00

- 4B7093 Extra length coat covered with our "Thorn-tweed" fabric. **☛** \$18.00



SLEEVELESS MODEL HUNTING COAT

3B7214 Hunting Coat, Sleeveless Model. Made practically the same as a regular Hunting Coat but without sleeves. Has four large and one small outside patch pocket. Very large inside pocket for carrying game. This pocket runs all around the bottom of the coat **☛** \$5.00



KHAKI GARMENTS FOR OUTING WEAR

Khaki is a great favorite among all sportsmen for warm weather use and is the best material made for light weight clothing. There are many grades of inferior cloth on the market, but in the making of these garments we use only the U. S. Gov't. standard cloth, which is the best made. Sizes carried in stock: Coats: 34 to 50 in chest measure; Trousers, 30 to 50 in waist measure.

KHAKI HUNTING COAT

Made of U. S. Govt. khaki, best grade. Has three large outside pockets and small one for whistle. Extra large inside detachable game pockets. Corduroy collar, khaki gun pad on right shoulder, wind tabs on sleeves. This is an exceptionally fine hunting coat. Color, light tan.

4B7117\$7.50

KHAKI TROUSERS

3B7119 Best quality standard khaki. Cut peg top and finished with one watch and two side pockets; two hip pockets with flaps. Belt loops and suspender buttons. Color, light tan to match coat.

4B7216\$3.00

RIDING BREECHES

Cut very full in the hips and seat and made to lace below the knee. Seat and inside of knee are reinforced. Furnished with two hip pockets with buttoned flaps; one watch and two side pockets. Sizes, 30 to 44 waist. Color light tan to match coat.

4B7092\$4.50

Norfolk coat of nine-ounce olive drab khaki, a most satisfactory coat for rough work afield. Its Norfolk cut and belt are sportsmanlike in appearance. Unlined.

3B7734\$4.00

Trousers, olive green, cut very full and roomy, two side pockets, two hip pockets with flap and button. An ideal garment for outdoor summer wear. Cool and serviceable.

4B7735\$2.75

Riding breeches, olive green—cut on regulation Government model with full reinforcement and double seat finished with lace cuff.

3B7736\$4.50

KHAKI KNICKERBOCKERS

Made of 9 oz. standard olive green, cut full and roomy through seat and hips; two side, two hip pockets closed with flap and button; two fob pockets, four-button cuff on bottom.

4B7759\$3.50

4B7213 Hunting Coat. Made of Standard olive green Khaki of best quality. Has two large lower outside pockets, one large and one small breast pocket and has very large inside pocket for carrying game. This pocket formed by lining of the coat. Wind tabs on sleeves.....\$7.00

4B7296 Long Trousers. Cut good and full through hips and seat; two side, two hip and one watch pocket. Belt loops and suspender buttons. Color, olive green.....\$2.75

4B7736 Riding Breeches. Cut very full through the seat, giving ample freedom. Made to lace below the knee. Two hip, two top and one watch pocket. Belt loops and suspender buttons. Seat and inside of leg reinforced. Color, olive green to match coat 3B7117.....\$4.50

4B7787 Riding Breeches, same as above in cheaper quality, olive khaki....\$3.50
Trousers, same quality as above....\$1.75

KHAKI FISHING COAT

This coat was designed by us expressly for fishermen's use. Made of olive drab khaki, two large lower pockets, one breast pocket—deep convertible collar. Coat is cut full and roomy with plenty of shoulder room, allowing perfect freedom in casting. Sizes run from 34 to 50 chest measurement.

3B7737\$5.00

Trousers\$1.75

Khaki Fishing Helmets.....\$1.75

THE STILL HUNTER

Protection from cold makes still hunting a pleasure. Coat is a new, model—big and roomy—rolling standing collar to button close, plenty of pockets and is made of our new 32 oz. Uyak cloth—better than Mackinaw. 4B773 Coat unlined. \$18.00
Lined, W. P. plaid. \$20.00
Breeches laced bottom, reinforced with duck over knees. 4B774\$10.00
Windsor style cap, same material. 4B775.....\$2.00
Boots, "The Laurentide," an Oil Tanned Moccasin Boot with Sole and Heel. \$12.00
16 in. high.....\$14.00



Samples of any of our clothing materials sent on request.

CORDUROY HUNTING COAT

Made of best quality domestic corduroy, olive drab in color.

Has three large outside pockets and small one for whistle. Extra large detachable game pocket on inside. Convertible collar, worn either buttoned to neck or open. Gun pad of material on right shoulder.

Sizes, 36 to 50 chest measurement.

- 4B7110 \$11.00
- 4B7788 Men's Corduroy Norfolk Coat... \$ 8.50
- 4B7789 Boy's Corduroy Hunting Coat... \$ 9.00

CORDUROY LONG TROUSERS

Of extra quality and weight olive drab corduroy. Made with two side pockets, two fob pockets and two hip pockets closed with flaps and buttons. Doubly stitched throughout, with extra heavy pockets.

- 3B7114 Pair, to match coat 4B7110..... \$5.00

CORDUROY LONG TROUSERS

Good quality olive drab corduroy, made same style as above but of a lighter weight material.

- 3B7760 Pair..... \$4.00

CORDUROY RIDING BREECHES

Olive drab corduroy, extra quality, made with side pockets—two fob pockets and two hip pockets—closed with flaps and buttons. Lace cuffs and leg reinforcements.

- 4B7761 Pair to match coat 4B7110..... \$7.00
- 4B7790 Boy's Corduroy Riding Breeches to match coat 4B7789..... \$ 6.00

CORDUROY KNICKERBOCKERS

Olive bronze domestic corduroy of extra quality. Made with full seat and hips—side pockets—two fob pockets—two hip pockets, closed with flap and buttons. Bottoms are furnished with four-button cuff.

- 4B7116 Pair to match coat 4B7110..... \$6.00

SEPARATE TROUSERS

3B7762 Grey mixture, double and twist woolen trousers, proofed to render them water repellent. Extra well and strongly made, with two side, two watch and two hip pockets—hip pockets closed with flaps and buttons.

- Sizes, 30 to 46 waists..... \$5.00
- 4B7763 Brown mixture kersey trousers of excellent quality, made same as above, except that fabric is not proofed.

- Brown and Gray mixture trousers..... \$5.00
- Sizes, 30 to 46 waists..... \$4.00

- 3B7764 Grey mixture melton trousers, made same as above, not absolutely all wool, but of a fabric which will give lots of good, hard service.
- Sizes, 30 to 46 waists..... \$3.00

FUSTIAN TROUSERS

Splendid quality domestic fustian, made on a full, roomy model, with plenty of hip room. Has two side, two watch and two hip pockets, closed with flaps and buttons. Extra well made, with strong pockets. Color, olive bronze.

- 3B7766 Pair \$2.50

Finest quality olive bronze, fancy stripe, fustian trousers. Extra well made on full, roomy model, with plenty of pockets, same as above.

- 3B7767 Pair \$3.00

NORFOLK COAT SUIT

Forestry serge—this cloth adopted by the forestry division U. S. Government. Most satisfactory for rough field work. Coat, skeleton lined, well tailored, one inside breast, two lower outside patch pockets. Color, forestry green. Sizes, 36 to 46.

- 4B7268 \$20.00
- Long trousers to match \$10.00
- Riding breeches, latest English pattern \$12.50

Riding Breeches

Finest quality woolen whipcord. Finished same as forestry serge. Colors, olive, tan, oxford grey. Sizes 30 to 44.

- 4B7366 \$16.50

KNICKERBOCKERS

- 4B7157 Made of 13 oz. Forestry Serge, side pockets, two hip and fob pockets finished with four-button cuff at bottom; suspender buttons and belt loops \$11.50
- 3B7769 Tweed Knickers made same as above, in a variety of grey and brown mixtures..... \$7.50 and 10.00
- 3B7770 Engladine Knickers, same as style above, made of Swiss Engladine, probably the most waterproof and mudproof fabric made..... 13.50

"DUXBAK" CANVAS GARMENTS

Coat sizes, 36 to 48; pants, 30 to 44 waist.

- 4B7533 Hunting coat, corduroy color... \$6.00
- 4B7534 Norfolk jacket 6.00
- 4B7535 Duck-shooter's coat, especially for duck-shooters. Lined with a good quality of flannel and interlined with oilskin 12.00
- 4B7536 Long trousers, belt loops..... 3.50
- 4B7537 Knickerbocker, knee buckle... 4.00
- 4B7744 Shell vests, 12, 16 and 20..... 2.50
- 4B7745 Riding Breeches with lace cuff and reinforcement 4.00

"DUXBAK" HATS

Made of cravenetted canvas and is a very satisfactory light-weight hat. Material is practically waterproof.

- 3B7030 Round Hat, "Boston" style, with flat top, ventilated. Weight, 4¼ oz. \$1.00
- 3B7031 Havelock Cap, similar to "Windsor," with long cape or flap to pull down in back, covering neck, and ties in front. Flap lined with corduroy. Weight, 5¼ oz..... 1.25
- Adirondack hunting cap, reversible red flannel crown for deer shooting..... 1.25



MEN'S DOUBLE BREASTED MACKINAW COATS

32-oz. cloth. Length, 35 inches. Continuous single-piece shawl collar. Adjustable disappearing belts. Large self-pockets with flap. Sizes 34 to 46 inclusive. This is the real Mackinaw of favorite Northwestern design and generous comfort features. Colors: Olive Tan mixture with fancy overplaid; Brown mixture, Shadow Plaid, Green Oxford and Grey Oxford with fancy overplaid, plain light Grey and Oxford Grey.



Double Breasted Mackinaw

- 4B7741 \$15.00
- Cheaper grade Mackinaw coats from \$10.00 to \$13.00

BOYS' AND GIRLS' DOUBLE BREASTED MACKINAW

Popular with young folks for school, play and outing wear. Made of the genuine 32-ounce Mackinaw Cloth. Two set-in pockets with flaps. Two-button belt. Sizes, 28 to 34. Maroon and black plaid, brown plaid.



- 3B7710 \$10.00
- 3B7772 Same style coat as above in durable wool Mackinaw; grey, brown and green mixture plaids..... \$7.50

MACKINAW HUNTING BREECHES

Style B—The front and seat are reinforced with a waterproofed canvas just on the part of the trousers where the wear comes, made to lace below the knee so they fit close to the leg. Furnished with belt loops and suspender buttons. Two top, two hip, and one watch pocket. Color: Dead Grass.

- 3B7120 Sizes, 30 to 44 waist..... \$9.00

JACK FROST SLEEPING SUIT

Used in connection with our Sleeping Bags. Ideal for out-of-door sleeping. Campers and health seekers will appreciate this garment. For men and boys. Of extra heavy quality Domet cotton flannel. Is extremely warm and non-irritating.

- One piece as illustrated, with detachable hood and feet \$3.50

- Two piece, with detachable hood only 2.50



SWEATERS

- 4B7407 Standard U. S. Government Sweater. Made of a very hard twisted Australian wool, thoroughly shrunk, non-fading and expected to withstand unusually hard wear. With three-button opening down front to center of body. Has 1½-inch standing collar, which fits snugly to the neck. Two lower pockets. Color, Olive Drab..... \$5.00
- 4B7408 Government Olive Drab Sweater Same as above only coat style.... 5.00
- 4B7795 Pure worsted shaker knit sweaters, V neck, colors, light and dark gray, navy, maroon and heather..... 7.00
- 4B7796 Same as above, with ruff neck collar 8.50
- 4B7797 Boy's ruff neck, same quality as above in dark gray, navy, maroon and heather 6.50
- 4B7791 Light weight unbrushed Mohair V-neck golf sweater, in green, brown, heather and sand color 12.50
- 4B7870 Same in brushed finish V-neck.. 12.50
- 4B7871 " " " Ruff Neck 15.00
- 4B7792 Vicuna V-neck, gray, green, russet and natural, light weight... 15.00
- 4B7793 Vicuna, same colors as above, in special Shetland stitch..... 12.50
- 4B7794 Genuine Angoras, V-neck, Dark and Lt. Gray, Brown and Natural.. 18.00
- 3B7071 Men's Shaker Knit "Ruff Neck" Sweater Coat with combination collar, which can be worn in four positions. Regular shoulders. Has two side pockets. Colors: Dark Oxford, light Oxford, Heather 10.00
- 4B7872 Same in heavier weight..... 12.50
- 4B7367 Llama Sweater Coat. Cut V-neck, single breasted. This model is worn extensively by both men and women. Has two side pockets. Colors: Oxford Grey, Brown Heather, Olive Drab mixture 10.00
- 4B7370 Llama Sweater Coats. Single-breasted with "ruff neck" and two side pockets. This model is particularly suitable for outdoor sports in crisp air. Colors: Oxford, Brown, Heather and Olive Drab mixture 12.00

SOCKS

- 4B7415 English Woolen Socks. Made of the finest Australian wool, which is very soft and easy on the feet. The proper socks for golf, skating, tennis, etc. Colors, White, Oxford Grey and Heather Brown mixtures \$1.25
- 3B7425 Heavy Wool Socks. Made from the finest Australian wool. The proper kind to wear with moccasins or heavy hunting boots. We recommend these to anyone who has difficulty in keeping his feet warm in extremely cold weather. Color, Grey with white toes, heels and tops..... \$1.00
- 3B7416 Lumbermen's Wool Socks. Made of a good quality of wool, very strong. The socks to wear inside of rubber boots, moccasins and hunting boots. Extensively used by the lumber jacks throughout the Northwest. Color, Oxford Grey. \$.50
- 3B7414 Medium Weight Socks. Shaped like the "Lumberman's." Many are unable to wear the regular weight lumberman's socks, and to meet their requirements we have added this one, which is much lighter in weight. Will be found easy on the feet and comfortable to wear in hunting boots or moccasins. Color, Brown Mixture..... \$.75

SHEEPSKIN LINED COAT



An unusually warm coat.

Outside of fustian, lined with sheepskin, in natural or "chamois" color; the body and half of the sleeves interlined with oilskin, making the coat waterproof. Sleeves lined with sheepskin on the outer half and the under side has strong woolen cloth lining. Knitted wind cuffs are sewed in at the wrist. Double breasted, two extra large outside lower pockets, one small breast and large game pocket. Six-inch sheepskin collar, dyed beaver shade. Sizes, 36 to 48, 36 inches long.

- 4B7462 \$12.50
- 4B7713 Same as above, with outside of corduroy in olive shade..... 11.00
- 4B7715 Boy's sheep-lined coat, same as 4B7462, in 14 to 18-yr. sizes only 10.00
- 4B7798 Fine Drab Moleskin, with imported natural black rat collar.... 22.00

SHEEPSKIN VESTS

Made from fine quality skins, soft tanned, with the natural fleece inside and leather outside. Excellent for duck shooting, motoring, ice-boating, etc. Color: Both skin and fleece light tan.

- 3B7201 Sizes, 36 to 48..... \$4.50



Moleskin Vest, with leather sleeves.... \$8.50

MOLESKIN VEST SHEEPSKIN LINED

Double breasted. The moleskin is of a fine grade, very pliable and strong. The sheepskin is clipped and of best quality natural or "chamois" color. With ordinary care this garment should last for years. Cut to fit high in the neck. Two lower and two breast pockets. Sizes, 36 to 48.

- 4B7467 \$5.00

MACKENZIE GREAT COAT

Warmer Than a Heavy Fur Coat and Lighter

The outside of this coat is made of a fine quality of dark slate moleskin. Next underneath, extending down as far as the waist line, is an interlining of thin oilskin which makes the garment waterproof where needed. This interlining also extends the full length of the sleeves. The fine clipped sheepskin lining extends throughout the body of the coat down to within a few inches of the bottom. This sheepskin is natural or "chamois" color. Sleeves are lined with a strong woolen cloth and have knitted wristlets sewed in. Collar is sheepskin dyed beaver shade. Two large lower and two upper slash pockets. Corners of pockets are reinforced with leather. 52 inches long.

- 3B7461 Size 36 to 48..... \$25.00

WASHABLE CHAMOIS GARMENTS

Light, soft and pliable and washes perfectly without hardening. A great protection against wind and cold, especially desirable on account of its lightness and small bulk.

Chamois Coats and Vests

Made with loose, comfortable shoulders, affording plenty of room for movement. Regular chest sizes, 36 to 46.

- 3B7173 Coat, natural chamois color..... \$12.00
- 3B7174 Vest, natural color, 4 pockets.... 7.00
- 4B7175 Vest, with sleeves, natural color 10.00
- 4B7799 Coat, selected skins, full tailored 15.00

Hunting Shirts

Made loose and roomy for outside wear. Absolutely windproof. In ordering state your regular collar size and whether to be worn regularly or over another heavy shirt, in which case we will supply one size larger.

- 3B7177 Natural color, sizes 14 to 18.... \$12.00

Sleeveless Undershirts

- 3B7178 Sizes, 36 to 44..... \$7.50
- 3B7771 Undershirt with sleeves..... 10.00

Drawers

- 3B7179 Knee length. Sizes, 30 to 44 waist. \$8.00
- 3B7180.. Full length. Sizes, 30 to 44 waist. 9.00

SWEDISH DOGSKIN GARMENTS

Invaluable for motoring, riding, driving, ice-boating, skate-sailing, shooting and kindred winter sports. Skins perfectly matched and very soft and pliable. Lined with fine mercerized cotton. The very best quality obtainable. Sizes, 36 to 48.

- 4B7170 Jacket, selected imported skins.. \$25.00
- 4B7171 Jacket, imported skins \$18.00
- 3B7182 Jacket (Reversible), dogskin and drab corduroy \$15.00
- 4B7169 Jacket, body lined with finest quality medium-weight red flannel; sleeves lined with mercerized cotton \$20.00



- Dogskin Vest 8.00
- Dogskin Vest with red flannel lining.. 8.50

In ordering chamois and dogskin garments, give full measurements as indicated on our order blank to insure perfect fit.

A NEW FISHING COAT

Made of our new material—Coldstream Duck—a tough water-repelling fabric very suited to outing clothing of this character. Coat made with 2 large lower pockets—one divided for fly books, one upper Stanley pocket; all pockets button shut with flap. Back is made to insure perfect freedom in casting. Coat has one large inside pocket for lunch, game, etc.

- 3B7158 \$7.50
- 3B7160 Helmet 2.50
- 3B7185 Trousers ... 3.50
- 3B7192 Riding Breeches \$6.00

This same model suit may also be had in Dark Olive Khaki at the same price.



OILSKINS

Regulation weight and style. Coats all made double breasted with storm fronts. Coats and trousers made in small, medium, large and extra large sizes. Color: Black or Yellow.

- 3B7148 Short Coats. Weight, 2½ lbs. \$1.75
- 3B7149 Long Coats. Weight, 5 lbs. 3.50
- 3B7150 Saddle Slickers. Weight, 6½ lbs. 4.25
- 3B7151 Fishing Shirt, yellow only. Weight, 3½ lbs. 5.00
- 3B7152 Overall Trousers. Weight, 2¼ lbs. 1.75
- 3B7153 Sou'Wester Hats. Weight, 6½ ozs.75

"FEATHERWEIGHT" OILSKINS

Made by a new process, very light in weight, with a high, glossy finish. Ivory buttons. Coats have corduroy collars and cuffs are lined with corduroy and have inner storm cuffs. Yellow color only.

- 3B7154 Long Coats, Men's, 3½ lbs. \$4.00
- 3B7155 Medium Coats, Men's, 3 lbs. 3.00
- 3B7156 Short Coats, Men's, 2 lbs. 2.00
- 3B7159 Trousers, 1½ lbs. 2.00
- 4B7161 Sou'Wester Hats, silk lined, 4 ozs. 1.00
- 4B7802 New model oilskin auto and general utility slicker 6.00
- 4B7803 Boys' featherweight yellow oilskin long coats, 4 to 16 year. 3.50
- 4B7804 Boys' Sou'wester hats. 1.00

OILSKIN SHOOTING SUIT

Made of fine quality oilskin, Olive Green color. Coat has corduroy lined collar and cuffs. Storm front with patent fasteners. Pants made to be worn with belt. Makes an excellent suit for duck shooting in bad weather.

- 3B7162 Coat. 39 inches long. Weight, 4 lbs. \$4.25
- 2B7163 Pants. Weight, 2½ lbs. 2.50
- 3B7164 Hat. Boston style. 1.00

FEDERAL SADDLE SLICKER

As An Ordinary Raincoat When Walking

Convertible corduroy collar, fly front, with buckle clasps, giving absolute protection in stormy weather, yoke inside, two patch pockets, stayed with leather. Snap fasteners on sleeves, when adjusted, act as wind protectors. Ventilation eyelets under arms. Vent in back with adjustable snap fasteners.

- 3B7708 Sizes, 36 to 46 breast; lengths, 52 to 56 inches. \$9.00
- 3B7705 Driving Slicker, 36 to 46 breast, length, 52 to 56 inches. 9.00

DUCKING FROCK

Thirty-nine inches long, standing collar lined with corduroy throat tab. Fly front with buckle clasps, giving absolute protection in stormy weather; pocket flaps; ventilation eyelets under arms.

- 3B7700 \$6.50
- 3B7704 Fishing Pants, 34 to 44 waist. 3.50

Samples of all materials sent on request—also cuts and samples of Golf, Tennis and other clothing

MEN'S AND BOYS' RUBBER COATS

- 4B7800 Black heavyweight long coat \$5.00
- Black sou'wester hat. \$1.00
- Olive, tan, medium length hunting and fishing coat. \$6.00
- Leggins to match \$3.00
- Sou'wester hat. \$1.50
- Boys' long black rubber coat \$5.00
- Boys' black sou'wester hat. \$1.00
- Men's tan and gray, silk lined mackintosh coats. \$20.00
- Rubberized silk coat. \$15.00
- "Swithin" silk Golf Coat. \$10.00



FISHING SHIRTS

- 4B7801 Light and easy to carry, roll up in a small package, long and full, an absolute protection against wind and rain. Light weight black fishing shirt \$6.50
- 4B7137 "Fairy."—Made for us exclusively by a new and greatly improved process. Finest cambric sheeting coated with Para pure rubber gum. The lightest garments of the kind made and very cool for warm weather wear. Willow Green in color. Small, medium and large sizes. Weight, 20 to 25 ozs. \$6.50
- 4B7138 "Standard" — Made of best quality black rubber sheeting. Small, medium and large sizes. Weight, 26 to 30 ozs. \$5.00
- 4B7139 "Travellers."—Light weight and excellent quality. Tan in color. Small, medium and large sizes. Weight, 24 to 28 ozs. \$6.50



"FAIRY" RUBBER GARMENTS

- 4B7143 Short Coats—Same material and color as our "Fairy" Fishing Shirts, but made regular short coat length. Weight, 10 ozs. \$5.50
- 4B7144 Capes—34 inches long. Open front, fasten with snap-buttons. Standing collar. Weight, 21 ozs. 5.00

NEVER-SINK LIFE SAVING GARMENTS

All of these garments are made to protect the wearer while in the water—made of a soft Javanese Fibre, Khaki covered; can be immersed and dried any number of times without deterioration. Will sustain weight of a fully dressed man in water. Sizes 34 to 48.

- 4B7730 Men's Hunt Coat. \$15.00
- 3B7732 Swimming Belt for Men, Women and Children. Sizes 24 to 50. 4.00

SHIRTS



For the man who goes into the woods, or who dresses for the out-of-doors, no garment carries with it the comfort and enjoyment of a well fitting shirt.

Ours are made with this idea in view. They are entirely different from the ordinary stock shirt. Designed by us to meet

the needs of the critical sportsman, they stand for satisfaction wherever they are worn. Cut on generous patterns; wide, roomy shoulders; a collar that fits; generous skirts and long sleeves; two Stanley pockets, with flaps that button shut. Finished throughout to pass a very critical inspection. When ordering, give size of collar usually worn.

- 4B7041 Khaki Cotton. An excellent shirt for summer. Light weight Khaki colored cloth; cool and comfortable. \$.75
- 4B7043 Khaki Shirts. Very similar to 4B7041, but made of special grade of extra light-weight material. 1.25
- 4B7043 White Rep, a very strong cotton fabric, which wears well. Makes an excellent outing shirt; both cool and comfortable 1.50
- 3B7046 Strongly made of "Cochiquo" mixed flannel—good for rough wear. Color, light grey 2.25
- 3B7746 Rambler Flannel Shirts. Made of an excellent quality medium-weight flannel. An ideal summer outing shirt. Colors, light and dark grey. 2.50
- 4B7747 Palmetto Flannel Shirts of extra quality—very light in weight and splendid wearing. Light grey in color 3.25
- 4B7748 Same as above, except with new golf collar, which permits collar being worn open at the throat or as a high band collar. 3.25
- 4B7749 Mackinaw cruiser shirt of 22 oz. Mackinaw short body, abundant pockets. Gray and tan. 6.50
- 4B7750 Megantic Flannel Shirts—splendid quality, all wool flannel in light grey, dark grey, olive drab, or forestry green shades, for camping or outing wear, a shirt of medium heavy weight 3.50
- 4B7751 Nutley Flannel Shirts—the best shirt we have ever sold at the price. All wool flannel, sewed with silk, pearl buttons well sewed on. Cut on very roomy model, with full length skirt. Colors, light grey, dark grey, olive drab or forestry green 4.50
- 4B7752 Navy Blue Flannel Shirts—regulation Government blue flannel, cold water shrunk, made with two Stanley pockets and extra length of skirt. The best blue flannel shirt we know of 5.50
- 4B7052 Worsted Shirt. The strongest and best wearing shirt made. Excellent for fall and winter wear. Thoroughly shrunk. Colors, olive tan and forestry green 8.00

CORDUROY HUNTING CAP



Has 2½-in. visor peak and ear flaps and back piece to pull down. Made of fine corduroy in beaver brown shade.

4B7036 Weight, 4 ozs. \$ 1.50

- Same model in dark green, extra quality corduroy 2.00
- Uyak cloth 2.00
- Covey cloth 2.50

"WINDSOR" HATS

The popular shape among shooters for years. The sharply peaked brim, while short, makes a perfect shade for the eyes, and the turn-down flap at back covers the neck and ears in cold weather.



- 3B7028 Corduroy. Weight, 5 oz. \$ 1.00
- 4B7029 Wool Mackinaw. Wgt., 5½ oz. 1.50
- 4B7874 Uyak cloth 2.00

KHAKI HATS

Made of genuine U. S. Army Khaki cloth in round or "Boston" style. Very light, cool and comfortable. Can be rolled up and carried in the pocket and easily washed when soiled.



- 3B7027 Weight, 4 oz. Colors, light and olive tan. \$.75

STETSON ARMY MODEL

Crown, 4½ in.; brim, 3 in., made of clean nutria fur. Color, Belgian Belly (light tan).



- 4B7003 Weight, 4½ oz. \$ 6.00
- 4B7805 A. & F. Army Model, waterproof felt, olive, drab \$ 4.00
- 4B7806 A. & F. Hunting Model, waterproof felt, olive, drab \$ 4.00
- 4B7807 Boys' Hunting Scout Model, olive, drab \$ 1.50

"STANLEY" PITH HELMETS

The popular favorite for tropical wear the world over. Genuine Chinese pith helmets, covered with pongee silk and with ventilating sweat-band.



- 3B7000 Weight, 4½ oz. \$ 3.50

CORK HELMETS

Same style as the celebrated "Stanley" Pith Helmets. These helmets have the advantage over the Pith, as they are not affected by dampness. They are made of cork, covered with good grade khaki.

- 3B7033 Weight, 9 oz. \$ 3.00, \$ 4.00 and \$ 5.00

DOMESTIC WOOL YARN STOCKING

An especially selected and recommended stocking, strictly all wool, reinforced toe and heel, plain knit foot and leg with deep rib top, allowing stockings to be worn as straight and regular stocking or as a golf hose with cuff top. Three sizes—small, medium and large—made of Government standard yarns in Brown color only.

4B7723\$ 1.50

4B7413 **Outing Stockings.** Made with cuff tops, of the finest Australian wool. The soft character of this wool enables people with tender feet to wear it in perfect comfort. Suitable for any sporting purpose where a medium weight is required. Colors, Steel Grey and Heather Mixtures..\$ 2.50

GERMAN SOCKS

Made of heavy double knit wool and the boot is tufted or "fulled" on the inside, making it soft and easy on the feet. Fitted with strap and buckle at top. Color, Mottled Grey. Give regular sock size. Weight, 12 oz. per pair.

4B7075\$ 1.50

4B7808 Heavyweight wool underwear, shirts and drawers, per garment.....\$ 2.50

4B7809 Medium weight\$ 2.00

TWO-IN-ONE GLOVES

The lining and cover of these are separate. The cover is made of a very soft and tough leather, will never become stiff even after repeated wettings. Covers are cut to fit perfectly over the woolen linings, with a reefing strap at the wrist to tighten the glove. The lining glove is of light wool. Furnished in tan only.

4B7218 Including lining..\$ 4.00

Shells only\$ 3.50



BUCKSKIN GAUNTLETS

Made from genuine buckskin. Extra heavy selected. These gloves are the standard of the U. S. Army service, and are unequalled for quality and durability. May be washed when soiled and return to their original softness. Cut on army model, to fit snug at wrist. Color, Smoke Grey only.

3B7191 Heavy skin. Weight, per pair, 5¾.....\$ 3.00

3B7773..Boys' Buckskin Gauntlets. Made exactly like the men's.....\$ 2.50



BUCKSKIN GLOVES

Used for many years in the U. S. Army. Intended for a hard-service glove. The buckskin from which this glove is made is of heavy grade and cannot easily be torn. Has one button to close. When soiled the glove can be washed, and will not dry hard, but should not be dried near heat. Color, smoke grey. Weight, 3¾ ozs.

3B7196\$ 2.25

WESTERN GAUNTLETS

4B7193 "Colorado" Gauntlets, heavy weight, 6¼ oz.\$ 1.75

4B7195 "Arizona" Gloves, light leather (no gauntlets). Weight, 3¼ oz..\$ 1.50
Lined or Unlined

4B7810 Texas Gauntlet, with red star and fringe on cuffs.....\$ 1.75

4B7811 Chrome tanned horsehide glove, reef strap on waist.....\$ 2.00

4B7812 Same as above, cut for use as shell to be worn over woolen gloves \$ 2.75



FINGER MITT

This mitt has the thumb and forefinger free and is practically as handy as a glove. A splendid glove for winter shooting. Of finest grade buff colored horsehide, light and tough. Lined with heavy fleece and has long elastic wristband.

4B7186 Weight, per pair, 6¼ ozs.....\$ 2.25

FRENCH "WRISTFIT" SOFT GAUNTLET GLOVES

This glove, made of a superior quality cape stock, saddler's stitch outseam, is shirred in at the wrist with an elastic band, has 4½-inch gauntlet. A perfect fitting, well made glove, unusually strong and excellent wearing for motoring, riding or driving.

3B7717.....\$ 3.50



SCOTCH WOOL GLOVES

Made specially for us by the best glovemaking in Scotland. Exceptionally warm and strong, snap fastener at wrist. Made very long so that they come well up on the wrist, and act as a pulse warmer. Color, Heather mixture. Weight, 3 oz. Sizes, small, medium and large.

3B7221\$ 1.25 and \$ 1.50

4B7222 Regulation Army Gloves.....\$.75

4B7223 Regulation Army Mitts.....\$.75

4B7224 Regulation Army 1 finger Mitts \$.75



MOTOR GLOVES AND GAUNTLETS

4B7226 Tan Cape, slip-on glove, no buttons or straps, ribbed grip palm \$ 2.50

4B7227 Lisle back gray cape driving gauntlet\$ 3.50

4B7228 Gray cape soft gauntlet glove..\$ 5.00

4B7229 Same as above, wool lined.....\$ 6.00

4B7230 Tan cape wool lined glove....\$ 2.50

SPECIAL A. & F. CO. WOOLEN FABRICS FOR OUTDOOR WEAR

Our wide acquaintance among sportsmen and sportswomen of every calling, and our thorough knowledge of their requirements, enable us to present a choice of materials for clothing which are the best and most serviceable to be had. Most of them are either especially manufactured for, or imported by the Abercrombie & Fitch Company and cannot be procured elsewhere.

In addition to the ready-made garments of Engladine, Woolen Gabardine, Mackinaw, Forestry Serge, Army Cloth, Khaki, Moleskin, Corduroy and Cotton Gabardine, we carry a large stock of special materials for our custom tailoring departments adapted for special uses. Most important of these special materials are our celebrated Thorntweeds, Jungle Cloth, Solario Cloth and Shackleton Cloth.

Our custom tailoring departments are prepared to make to order garments for sporting purposes for both men and women, combining the proper cut and style with suitable materials for aeroplaning, motoring, and for exploring expeditions to the Arctic or the tropics.

Samples of any of our materials hereinafter listed, with self-measurement blank with full instructions together with cuts and booklets showing styles for both men and women, will be mailed upon request.

ENGLADINE

A strong waterproof woolen fabric made in Switzerland—the favorite cloth for Alpine tourists. This cloth is not imported by any other firm in America and is very far superior to the Loden cloth used by the peasants in the Austrian Tyrol. We especially recommend Engladine for use in cold climates, winter motoring and wet snow.

MACKINAW

The mackinaw used by us is made of long staple yarn, all wool, strong and durable, combining strength and warmth, and is recommended for winter use.

UYAK CLOTH

A 30 oz. fabric of special construction which is windproof and water repellent; has been cravenetted to further increase its capacity to resist wetting through.

This is an ideal fabric for the still hunter and duck shooter, and will give excellent service when subjected to hard wear.

WOOL GABARDINE

Our wool gabardines are made by the best English manufacturers, closely woven, waterproof, and are the best light weight woolen cloths to be had. Recommended for summer motoring.

FORESTRY CLOTH

An all wool domestic serge, color grey green, used by the U. S. Forestry Department; carried in 13 oz. Cravenetted to render it water repellent.

Samples of Any of the Above Materials Sent on Request

SOLARIO CLOTH

This cloth is made in England for the African market. No white hunter in British East Africa will use anything but Solario Cloth—it is especially designed to shed the actinic rays of the sun. The material is of a light tan color interwoven with red, is very fine spun, light in weight, strong and water repellent. We recommend this cloth in preference to any other cloth made for use in the tropics—it is ideal for tropical motoring.

THORNTWEED

A cloth especially manufactured for us for hunters and fishermen. Made from selected long staple Australian wool, the yarns double twisted in both warp and filling to render the fabric tough, warm and water repellent, as well as briarproof. Special attention has been given to the selection of the color mixtures employed, to obtain a neutral shade, giving the hunter the benefit of concealing coloration. Thorntweed is an excellent cloth for motor clothing, mountain, field and woods wear. Carried in 15 and 19 oz.

TROPICLOTHS

A new group of English fabrics, exclusive to Abercrombie & Fitch Co., made from fine spun, long staple camels' hair stock, cravenette-proof, and used chiefly in natural tan. This cloth is very light in weight, but so constructed that it will give excellent wear and is specially adapted to hot weather, being largely used in the Tropics.

SPECIAL A. & F. CO. COTTON FABRICS FOR OUTDOOR WEAR

COLDSTREAM DUCK

A fine spun, closely woven cotton duck, water repellent, olive brown in color, which makes an ideal suit for fishing, bird shooting and general country wear, where an inexpensive light weight cotton fabric is required.

MOLESKIN

Finest English imported Moleskin, waterproof, strong and durable, slate color, soft and pliable, especially adapted for hunting in temperate climate, will resist briars.

CORDUROY

Corduroy is so well known that it does not require description. Our Corduroys are imported, light weight, strong and durable—are dyed by a new process which prevents the disagreeable odor found in cheap corduroys when wet.

KHAKI

Best domestic Khaki, U. S. Government standard, in olive drab and khaki shade. In use by nearly all armies for summer wear.

JUNGLE CLOTH

Made in England especially for use in India. Water repellent, very tough, and is the strongest light weight cotton cloth made. Colors, tan brown and olive brown.

COVEY CLOTH

A medium-weight briarproof cotton cloth, specially made for us, having a very short nap which gives it the appearance of suede leather; cravenetted to render it water repellent.

An excellent fabric for use in Southern field shooting and for riding coats and breeches.

SHACKLETON CLOTH

So named after Colonel Shackleton, who used this cloth in his Antarctic work. A very fine, closely woven cotton fabric, dark brown mixture, waterproof and very light. Outer garments made of this material act as wind-break over heavy woollens for use in the Arctic. We use this cloth extensively in our aeroplaning suits over woolen or llama clothing.

Directions for Sending Measurements for Clothing Will Be Found on Back of Order Blank in Back of This Catalog

SIERRA OUTING SUIT

One of our most popular designs—a splendid suit for all out-of-door wear, such as canoeing, golfing and motoring. It is made of a knit material known as our Innsbrook and we do not recommend it for extremely rough wear, following trail, through heavy brush, etc., as the fabric is too soft in texture. Coat is plain, mannish cut, unlined; two large pockets and belt, with full skirt buttoned down the front. Can be had in all desirable colors—rose, old blue, light tan, green, brown, blue, oxford grey, heather.

4C7671\$25.00



4C7672 Colored, white or natural linen. \$18.50
 4C7875 Hand-made Harris or Killicrankie tweeds\$55.00

ALAMO SUIT

A most serviceable suit for all-around sports wear. Coat is made on mannish lines, with two large patch pockets—belted at the waist. Skirt buttons down back and front. Material, men's wear corduroy, in beaver or medium grey. Venetian lining throughout. The coat, when worn with riding breeches makes an excellent combination for Western riding. Worn with knickerbockers for hiking. Suit as shown with coat and shell skirt.



4C7674\$31.00
 4C7465 Thorntweed \$44.00

4C7676 Hat shown on the figure made of corduroy\$4.50

4C7876 Thorntweed\$5.00

For knickers and breeches see pages 153 and 154.

DOGSKIN COAT

A most comfortable garment, as a wind-breaker has no equal. Of splendid soft, pliable skins, lined with flannel. An invaluable garment for motoring, riding, driving, shooting and all other out-of-door wear.

4C7783\$25.00

**A. & F. "RUFSTUFF"
 Coat and Breeches Riding Habit**

These garments are made of good, heavy khaki drill, olive drab color, just right for hard usage in the country. They are not finished quite as carefully as our better garments, but they are well cut and have good lines.

4C7877 Riding coat...\$5.00

4C7878 Hat\$1.00

4C7879 Well-fitting breeches, made with laced cuffs...\$3.00

4C7880 Hat\$1.00

4C7871 Leggins\$1.25

For better grade of riding habits see booklet.



COUNTRY SUIT

Especially good for cross-country hikes. The coat has big useful pockets and the skirt buttons to the hem both front and back, so that with breeches it can be worn for riding. A neat, inexpensive outfit that will give excellent service.

4C7882 Norfolk coat. \$3.50

4C7883 Shell skirt. \$4.00

4C7884 Divided skirt, not illustrated ..\$4.50

4C7885 Hat ..\$1.00

4C7886 Soft felt hat. \$3.00

4C7887 Black or tan oxfords\$6.50



HIKING SUIT

With this good-looking, sensible outfit a woman need not fear tangled brush, fallen trees, or even an occasional mountain or two. Comfortable shirts suitable for wear with it are listed on page 153.

4C7888 Norfolk coat. \$3.50

4C7889 Bloomers, fastening with strap at knee. \$2.25

4C7890 Leggins. \$1.25

4C7891 All white duck hat or white with facing of black, brown, blue or green\$2.00



UTILITY COAT

A warm, comfortable, knock-about coat, equally serviceable for motor, camp or rough weather wear, made of proofed English tweeds.

- 4C4891 Medium weight. **₤ \$19.50**
- 4C7892 Heavy weight. **₤ \$29.50**
- 4C7893 Mannish velour hat, plain colors.....**₤ \$10.00**

WOMEN'S MACKINAW COATS

4C7780 Made on same lines as men's, in blue, green, gray and brown mixtures **₤ \$15.00**

CHILDREN'S MACKINAW COATS

Always a practical garment for out-of-door use for children who do not like to be hampered with long coats, be-

ing used extensively for skating and tobogganing.

- 4C7781 First-class mackinaw in blue, green, gray and brown mixtures. Sizes range from 12 to 16 years **₤ \$10.00**
- 4C7849 Same style coat in durable wool mackinaw, grey, brown and green plaids. **₤ \$7.50**

WOMEN'S RAINCOATS

- 4C7789 Light, rubberized canton material, tan or olive color**₤ \$7.00**
- 4C7790 Rubberized cashmere, with belt at back, in black, navy blue or tan. **₤ \$13.00**
- 4C7791 Black or tan rubber, as illustrated. Very serviceable for camp or school wear. Sizes 9 to 15 years and 32 to 42 bust.....**₤ \$5.00**

A. & F. MIAMI OILSKIN COAT

4C7786 This coat, for anyone who goes camping, fishing, motoring or boating, will be found a great comfort. It has an extremely full sweep around the bottom and laps double across the front. Collar is fastened at neck by a leather strap. In yellow Seabrook. Sizes small, medium and large**₤ \$6.00**

- 4C7848 Sou'wester hat, same color.....**₤ \$1.00**
- 4C7788 Regulation Seabrook coat.....**₤ \$4.00**
- 4C7787 Oilskin skirt. **₤ \$3.00**
- 4C7894 Misses' and children's oilskin coats, ages 6 to 16.**₤ \$3.50**

GLACIER PARK SUIT

This suit is light in weight, and though practically windproof is not waterproof. It does not stiffen after becoming wet. In reindeer tan and soft grey.

- 4C7895 Coat, unlined, has box pleat down center back, sizes 32 to 44 bust. **₤ \$20.00**
- 4C7896 Skirt buttons down front and closes in back with patent fasteners, 25 to 35 waist. **₤ \$20.00**
- 4C7897 Breeches, with long, laced cuff. **₤ \$20.00**
- 4C8521 Shirt which can be worn on outside of skirt; with corduroy collar and cuffs**₤ \$12.00**
- 4C7898 Shirt with knit wristbands and collar**₤ \$12.00**

- 4C7899 Hat, of suede, without feather. **₤ \$7.00**
- 4C8450 Handkerchief ties, various colors. **₤ \$1.50**
- 4C8451 Soft cuff buckskin gauntlets....**₤ \$3.75**

EL RANCHO SUIT

A practical outfit for the ranch, camp or for any extra rough usage, with shell skirt as illustrated.

- 4C8452 Suit of U. S. Army Khaki, in new shade of dark olive drab, natural linen or white khaki drill. **₤ \$18.00**
- 4C8453 Same coat, with divided skirt, of olive khaki. **₤ \$15.00**
- 4C8454 Same coat, with divided skirt, made on order, stock sizes, of natural linen or white khaki drill. **₤ \$20.00**
- 4C8455 Same coat, divided skirt, made on order, stock sizes, of Thorntweed or 13 oz. forestry cloth. **₤ \$49.00**
- 4C8456 Same coat, shell skirt, made on order, stock sizes, of Thorntweed or 13 oz. forestry cloth. **₤ \$44.00**
- 4C8457 Same coat, shell skirt, made on order, stock sizes, of Covey Cloth. **₤ \$49.00**
- 4C8458 Stetson felt hat.....**₤ \$6.00**
- 4C8459 Leather braided quilt.....**₤ \$3.50**
- 4C8517 Silk handkerchiefs, from.....**₤ \$2.00 up**





A. & F. CAMP OUTFIT

Shirts, Sizes 32 to 42
 4C8460 Camp and wood shirt; collar buttons at neck; of Gonic flannel, army tan or forestry green. **☛ \$3.25**

4C8461 Same of lightweight flannel, light blue, natural tan or olive tan. **☛ \$3.00**

4C8462 Tan or white soisette. **☛ \$1.75**

4C8463 Chamois color Viyella flannel. **☛ \$6.00**

4C8464 Shirt of U. S. Army khaki, gathered into band at the waist and worn with skirt shown makes complete suit; shirt. **☛ \$4.50**

Shell Skirts

These skirts button to the hem both front and back and with breeches can be used for riding.

- 4C8465 U. S. Army khaki. **☛ \$5.00**
- 4C8466 Of Thorntweed. **☛ \$15.00**
- 4C8467 Of cravenetted wool gabardine. **☛ \$12.00**
- 4C7794 Of men's wear corduroy. **☛ \$10.00**

Hats

- 4C8469 Of U. S. Army khaki. **☛ \$1.50**
- 4C8470 Of Thorntweed. **☛ \$5.00**
- 4C8471 Golf stockings range in price from **☛ \$2.00 to \$5.00**
- 4C8468 Harness leather belt, tan or black. **☛ \$1.25**

Knickerbockers

- 4C8472 Of U. S. Army khaki, 5 in. cuff. **☛ \$5.00**
- 4C8473 Of Thorntweed or 13 oz. forestry cloth **☛ \$14.00**
- 4C7858 Of men's wear corduroy, with 2 in. strap at knee. **☛ \$10.00**

ADIRONDACK CAMP DRESS

- 4C7677 Of tan, blue or white galatea. **☛ \$8.00**
- 4C8474 Made on order, stock sizes, of Thorntweed, 13 oz. forestry, or wool gabardine. **☛ \$35.00**

KNICKERS

For Wear Under Skirts

A very desirable garment for any sporting purpose, especially for those who go into the woods hunting and fishing. Ours are made very full in the seat and hips, with smooth, well-fitting front, drop back, shirr string at waist and elastic in the knees.

- 4C7274 Tan cotton pongee or black sateen **☛ \$3.00**
- 4C7276 Gonic flannel. **☛ 4.50**
- 4C8475 Black satin with albatross lining **☛ 10.00**
- 4C7430 English repp, in brown or black. **☛ 6.00**



OUTING SHIRT AND SKIRT

4C8476 Shirt, cut on same lines as men's, with long tails and collar which can be worn open as shown, or fastened at neck with tab and button, French cuffs, in white or tan English oxford. **☛ \$2.50**

4C8477 Tennis or golf skirt of white khaki drill; buttons down front and has spacious pocket. **☛ \$5.00**

4C8478 Same skirt of U. S. Army khaki, dark olive drab. **☛ \$5.00**

4C8479 Same skirt of brown, green and grey tweed mixtures. **☛ \$15.00**

4C8480 Milan hemp hat, in white with green, blue, rose, black or navy

- blue facing, or solid colors. **☛ \$6.00**
- 4C8481 Windsor ties, all colors. **☛ \$.50**
- 4C8482 Ooze or Russian leather belt, in black, white or colors. **☛ \$3.50**

FAIRY RUBBER FISHING SHIRTS

- 4C8483 Light and easy to carry, they roll up in a small package and are long and full, an absolute protection against wind and rain. Especially good for camp wear. Finest cambric sheeting, coated with Para pure gum rubber; willow green in color; small, medium and large sizes; weight 20 to 25 ounces. **☛ \$6.50**
- 4C8519 Hood to match. **☛ \$1.35**

OUTING STOCKINGS

4C7732 Made of the finest quality Australian wool, medium weight. Colors, steel grey and heather mixtures. Sizes 8 to 10. **☛ \$2.25**

WOMEN'S WOOL SOCKS

4C7733 For the past few years a number of women have been wearing wool socks in preference to long stockings. We have made these especially for women's wear. Wool used is of first quality. Colors, steel grey and heather mixtures. **☛ \$1.00**

LLAMA BED SOCKS

4C7734 Made in three sizes, small, medium and large. Medium grey. **☛ \$1.50**

PAJAMAS

- 4C8484 Women's well-cut, comfortable pajamas, tan or light blue soisette. **☛ \$2.00**
- 4C8485 Flannelette with extra bed socks **☛ \$2.50**

TIES

- Middy squares—a tie for middy blouses, shirt-waists, etc. Suitable as an added touch to a woman's costume for about camp or on outings. In blue, red, green, black or maize.
- 4C7740. **☛ \$1.50**
 - 4C7741 Middy ties in same colors as above **☛ .75**
 - 4C7742 Four-in-hand ties in all bright colors. **☛ 1.50**
 - 4C7743 Silk bandana kerchief in various colors. **☛ 2.00**
 - 4C7354 Windsor ties, all colors. **☛ .50**

BREECHES



Hunting

Tape Bottom

Riding Breeches—Cut same as men's breeches, fly or side fastening and laced at knee. Reinforced with self material.

- 4C7860 Of U. S. Army Khaki.....\$ 8.00
- 4C7861 Of 15-oz. Thorntweed Army or 13-oz. forestry cloth..... 16.00
- 4C8486 Polo Breeches of white khaki drill 8.00

Hunting Breeches—Made same as riding breeches except that they are cut fuller at the knee to allow freedom. Reinforced from thigh to small of knee in front—a great protection in going through brush.

- 4C7863 Of Thorntweed or Covey Cloth..\$ 18.00
- 4C8487 Same, made on order, stock sizes, of khaki 10.00
- 4C8488 Same, made on order, stock sizes, of men's-wear corduroy, not reinforced 12.00

Tape-bottom Trousers—Just the thing for the woman who tramps and roughs it—fly fastening.

- 4C7866 Of 19-oz. Thorntweed or Engladine. Made on order, stock sizes.....\$ 18.00

SLIP-ON COAT

4C8520 Of Innsbrook knit material, with lined sleeves, wind cuffs and a collar that can be buttoned up at the neck. Roomy pockets and a pleat down the center back. In good heather mixtures....\$ 35.00

This is a splendid coat for week-end trips, good for all kinds of weather and comfortably light weight.

Same model of imported coatings in tan, with red or blue overplaid.....\$ 39.50



MIDDY BLOUSES

Sizes 10 to 20 years.

- 4C7802 As shown on figure, suitable for outing wear, made of unbleached muslin, with long sleeves\$.85
- 4C8489 Same model of tan Galatea 1.50
- 4C8490 Middy blouse of white cotton jean, laced at neck and hips \$1.25
- 4C8491 Middy blouse of navy blue galatea 1.25
- 4C7867 Blue flannel middy with braid trimming....\$ 4.50
- 4C7741 Middy ties, green, red, blue, black75
- 4C8492 Middy squares, same colors 1.50



Bloomers

- 4C8493 Plaited, tan or navy Galatea\$ 3.00
- 4C7805 Plaited, blue serge.\$ 4.00
- 4C8494 Oil tan moccasins.\$ 2.25

GIRLS' TWO-PIECE TAN KHAKI SUIT

As shown in cut—the most practical and comfortable costume for girls' wear. Will give good service and is made with the idea of giving wearer perfect freedom in every particular. Garments can be worn with or without shirtwaist. Coat is made of an excellent tan khaki, with three large pockets—wide rolling collar—buttons down front. Skirt also buttons down front. Sizes from 9 to 15 years.



- 4C7775\$ 7.50
- 4C7776 Khaki hat shown in the figure is made to match the suit\$ 1.00

BOYS' AND GIRLS' RAIN COAT WITH SOUTHWESTER HAT

A splendid garment for rainy weather for children, as it is long enough to cover them completely to bottom of dress. Made of rubberized poplin. Buttons tight at the neck, buttons in at the wrist, and with Sou'wester Hat, which can be pulled down closely over the head, forms a splendid protection in bad weather for either school or outing use. The garments fold very compactly in a bag when not in use. Sizes, 9 to 15 years.



- 4C7792 Tan only\$ 5.75

SCHOOL-GIRLS' OUT-DOOR SPORTS OUTFIT

- 4C8495 Tam O'Shanter, plain colors or plaids. **45c \$2.50**
- 4C8496 Shaker - knit sweater, pure worsted, in heather colors, gray, navy blue or white. **45c \$8.00**
- 4C8497 Sweater with V-neck. **45c \$6.50**
- 4C8498 Skirt of domestic tweeds, gray, brown or green mixtures. **45c \$15.00**
- 4C8499 Oil tanned bluchers. **45c \$8.50**
- 4C8500 Gray buckskin gauntlets. **45c \$3.75**

4C7709 Brushed worsted sweater, as illustrated, medium weight, with high roll collar; close-fitting knit



wristlets and two pockets, in rose, old blue, green, brown or grey. **45c \$6.50**
 4C7710 Cap and scarf to match. **45c \$2.50**

ANGORA SWEATER COAT

- 4C7712 Not illustrated. A good, roomy, comfortable garment, giving all the desired warmth and comfort necessary for outing wear of every description. Has a wide roll collar, belt and cuffs of same material; buttons up tight around the throat. In old blue, white, rose, grey and heather mixtures, with contrasting borders. **45c \$15.00**
- 4C8501 Cap or scarf to match. Each. **45c \$2.00**



GLOVES

- 4C7735 Buckskin gauntlets, made of genuine buckskin, especially to our order. Fit, workmanship and general appearance of these gloves are of the best. For riding, driving and general outing wear they are more popular than any other style. Color, smoke grey. **45c \$2.50**
- 4C7736 Without gauntlet. **45c \$2.00**
- 4C7737 Gauntlet, made of tan cape, a soft and very desirable skin which will not, however, stand the rough usage of the buckskin. **45c \$2.00**
- 4C7738 Two-in-One gloves. The lining and cover are separate, making them much warmer than any glove where the lining is attached. Reefing strap at wrist. Color, tan. Price, including lining. **45c \$3.50**
- 4C8502 Short woolen gloves, white, oxford or heather mixture. **45c \$ 75**
- 4C8503 Long woolen gloves, white or heather mixtures. **45c \$1.50**
- 4C8504 Scotch wool, one clasp, leather bound, oxford or heather mixtures. **45c \$1.25**

A. & F. ONE-PIECE SWIMMING SUITS

- 4C8505 Of knit worsted, in black, grey, blue or heather mixtures. Combination and skirt knit all in one piece, buttoning at shoulder. **45c \$6.50**
- 4C7715 One-piece suit, not illustrated, made of mohair, buttoning on shoulder, with belt. **45c \$3.75**
- 4C7716 Skirt of mohair, extra. **45c \$1.00**
- 4C8506 One-piece suit, black or tan cotton repp. **45c \$3.75**
- 4C7721 Combination swimming suit, with feet; black or grey worsted. **45c \$4.00**
- 4C7722 Same, without feet. **45c \$2.50**
- 4C8507 Rubber cap, as illustrated, green, red, blue, black, tan, violet. **45c \$1.00**
- 4C7718 Rubber diving cap, same colors. **45c \$.50**
- 4C8508 Sateen bathing shoe, as illustrated. **45c \$2.50**



POLAND SWEATER SET

- 4C8509 Good quality brushed mohair comes in black or white, green, blue brown and grey heather mixtures; sweater only. **45c \$15.00**
- 4C8510 Cap. **45c \$2.50**
- 4C8511 Scarf, 12x60 inches. **45c \$3.00**
- 4C8512 Same model with Byron collar which can be buttoned up around neck, made of vicuna, an exceedingly lightweight, soft, warm material, in violet, blue, rose, tan, black or white; sweater only **45c \$20.00**
- 4C8513 Cap. **45c \$5.00**
- 4C8514 Scarf, 12x60 inches. **45c \$5.00**



- 4C8515 Mannish White Panama hat with black band. **45c \$9.00**



- 4C8516 White flannel with woolen eponge rim in rose, blue, tan, green or black, or all white. **45c \$5.00**
- 4C8518 Madagascar straw with colored silk facings and Puggaree band of rose, green, Alice blue, black or brown. **45c \$3.50**

FOOTWEAR

By far the most important of all outdoor equipment is your footwear. When your feet hurt, you hurt all over. Loose, leaky, non-supporting shoes have kept many a hunter sick in camp—lost more than one important tennis match—spoiled many a good “end run.” Whether you climb a mountain trail, play baseball, golf, or only walk a country road, your shoes must fit and your feet must be kept dry. These two considerations outweigh all others.

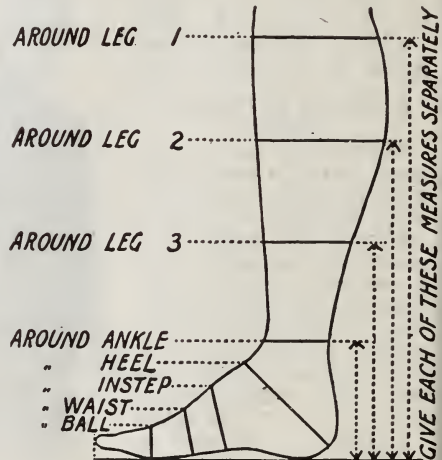
From all the four ways of the earth we have drawn our knowledge of shoe making as best suited to each outdoor game. Our stock represents the best selected models and styles to be had in every sporting line, whether it's a Moccasin, Hunting Boot or the newest Golf or Soccer Shoe.

In hunting footwear we use mostly a chrome tanned leather, which always remains soft and pliable, and will not dry out hard under any circumstances. Most hunting boots are made of heavy, stiff leather, are never comfortable, and they tire the wearer after tramping but a short distance. Our boots will stand nearly as much abuse as the heavier ones, but they only weigh about one-half as much. Double oak soles are furnished with these shoes. We have found from experience that the oak leather is the best wearing and most water-proof sole leather obtainable, also that hobs will stay in much better than in any other. Hob nails are put in only when ordered. Conical nails will be supplied without charge, but where Swiss nails or screw calks are required there will be an extra charge according to quantity used. No boots will be exchanged that have been hobnailed.

Our Women's Sporting Footwear is unequalled anywhere in the world to-day. Made of the same splendid material as our men's shoes and in the same attractive styles, but remodelled expressly to suit a woman's foot. They are the only shoes obtainable that duplicate the fine qualities of our sportsmen's footwear and that will, under the trying conditions for which they are intended, keep a woman's feet comfortable and dry.

HOW TO MEASURE FOR SHOES

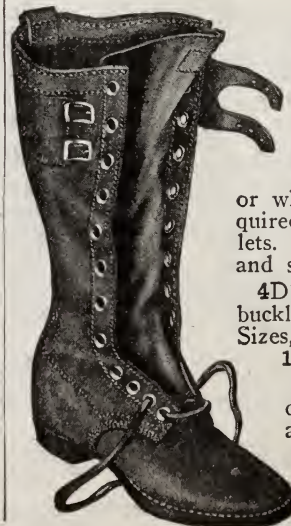
First, take measurements over the stockings. *Second*, give every measurement indicated on diagram *exact*—make no allowances. If you want your shoes snug or loose let us make the allowances. *Third*, take measurements without weight bearing on foot. Draw the tape to an easy pressure. *Fourth*, place foot on sheet of paper and draw outline, being sure to hold pencil perpendicularly. Do not retrace your outlines. *Fifth*, give size and width of shoes usually worn. *Sixth*, give distance from sole of foot at heel to EACH leg measurement. This is very important, as we make the taper of the shoe or boot according to these measurements.



LAURENTIDE HUNTING BOOT

An oil-tanned moccasin boot with sole and heel. Sole is attached in a manner to give great flexibility, at the same time stiff enough to give ample protection. The boot is made over broad, easy lasts and is very well shaped.

3D10851 16-inch top
 ☞ \$14.00
 3D10852 10-inch top
 ☞ \$12.00



FOREST RANGER BOOTS

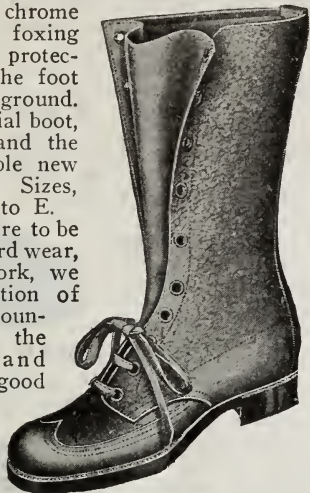
A good heavy, serviceable boot. Made of oil grain tan leather. It is used extensively by rivermen and lumbermen, or where a heavy boot is required. Plain toe, large eyelets. Soles are both pegged and sewed.

4D10849 No straps and buckles at top, 12 ins. high. Sizes, 6 to 11; weight, 3 lbs. 14 oz. ☞ \$7.00
 4D10850 With wide double straps and buckles at top. 16 inches high. Sizes, 6 to 11. Weight, 4 lbs. 7 oz. . . . ☞ \$8.50

HUNTERS', PROSPECTORS' AND SURVEYORS' BOOTS

These are light in proportion to their great strength and durability. They are built for hard wear and are as waterproof as boots can be made. Made of drab-colored chrome tanned kip with toe foxing of same material for protection of the side of the foot from rocks or rough ground. While a very substantial boot, the leather is soft and the boot is as comfortable new as when broken in. Sizes, 5 to 11. Widths, B to E.

When these boots are to be used for unusually hard wear, such as mountain work, we recommend the addition of sole leather outside counters—this strengthens the boot considerably and keeps the uppers in good shape at the heels—there is an extra charge of 50 cents for this work, and it takes two weeks' time to make the shoes this way.



- 4D10864 8 inches high, weight, 3 lbs.. **⌘ \$11.00**
- 4D10862 12 inches high, weight, 3 lbs. 10 oz. **⌘ 12.50**
- 4D10863 17 inches high, weight 4 lbs. 5 oz. This boot has double straps and buckles at top..... **⌘ 15.00**

STORM BLUCHER SHOE

An excellent boot for hunting or any hard wear where lightness and durability are both considered. It is extensively used also as a storm boot in very bad weather.

Made of brown chrome tanned kip, soft, easy-fitting, waterproof, good looking. Heavy oak soles with horsehide slip sole. Sizes, 5 to 11. Width, B to E.

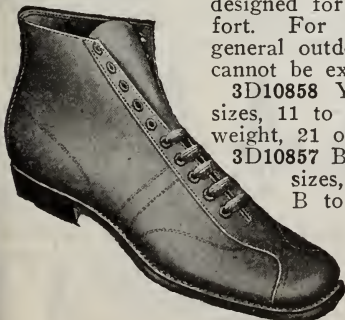


- 4D10866 8 inches high; weight, 3 lbs. **⌘ \$9.00**
- 4D10867 12 ins. high; weight, 3 lbs. 6 oz. **⌘ \$11.00**
- 4D10865 17 inches high; has two straps and buckles on top; weight, 4 lbs. **⌘ 13.00**

BOYS' CAMPING SHOE

The uppers are made of calfskin. The soles are of chrome tanned horsehide which make the shoe very light. Low broad heels. The uppers have been designed for both fit and comfort. For a boy's shoe for general outdoor wear, this one cannot be excelled.

- 3D10858 Youth's, 5 ins. high, sizes, 11 to 2, widths B to D, weight, 21 oz..... **⌘ \$3.50**
- 3D10857 Boy's, 5 inches high, sizes, 2½ to 5¼, width, B to E, weight, 22 oz. **⌘ \$3.75**
- 3D10859 B i g Boy's, 5 ins. high, Sizes 6 to 9. **⌘ \$4.50**



MEN'S MOCCASIN SHOE

This shoe is as easy on the foot as a moccasin and almost as quiet. Uppers made of drab-colored chrome tanned kip (which always dries out soft and pliable); chrome elk soles are flexible and quiet. Sizes, 5 to 12. Width, A to E.

- 3D10868 5½ inches high, weight, 28 oz.. **⌘ \$6.25**



BOYS' MOCCASIN SHOE

Made same as the men's listed above, but over regular Boys' lasts—with good roomy toes. These shoes are also worn extensively by women who wish a very comfortable camp or canoe shoe that is light in weight.

- 3D10900 5 inches high, weight, 24 oz. Sizes, 2 to 5½. Widths, B to E..... **⌘ \$6.00**
- Extra for attaching heels..... **.50**
- 3D10861 12 inches high, weight, 36 oz., has low broad heels..... **⌘ 10.00**

BOYS' STORM BOOT

The uppers are made of the best quality of heavy weight, dark tan, waterproof oil grain leather. The heels are low and broad. Soles extra heavy.

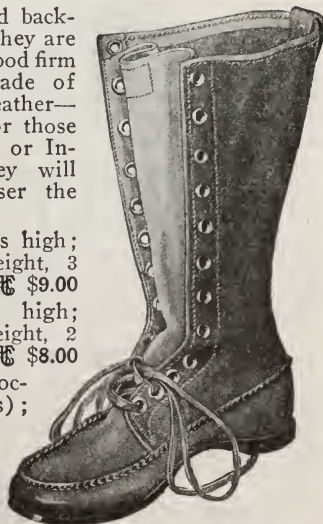
- 3D10826 Boy's, 9 ins. high, sizes, 2½ to 5½, widths, B to E, weight, 2 lbs. 8 oz. **⌘ \$5.50**
- 3D10827 Youth's, 8½ inches high, sizes, 13 to 2, widths, B to D, weight, 2 lbs. 4 oz. **⌘ \$5.00**



CRUISERS

This is a good old backwoods favorite and they are well made. Have a good firm sole sewed on. Made of brown oil tanned leather—have low heels. For those who prefer the low or Indian moccasins they will find the low Cruiser the best of the kind.

- 3D10845 15 inches high; sizes, 3 to 12; weight, 3 lbs. 12 oz..... **⌘ \$9.00**
- 4D10844 9 ins. high; sizes, 3 to 12; weight, 2 lbs. 14 oz..... **⌘ \$8.00**
- 3D10846 Low moccasins (no hobnails); sizes, 5 to 12; weight, 1 lb. 3 oz. **⌘ \$3.00**



WATERPROOF DOUBLE BOTTOM MOCCASINS

They are the most popular style of footgear ever made for woods wear. Specially adapted to still-hunting and snow-shoeing. The leather used in these is the most waterproof obtainable. Made large enough so that two or more pairs of heavy woolen socks can be worn.

4D10842 Sizes, 5 to 12; 10 in. high; weight, 2 lbs. **\$5.50**

"AYANEFUO" SPECIAL SHOE PACK

Made by the best moccasin maker in Canada exclusively for us. Made of oil tanned leather with single bottoms. Carried in stock in 10-inch height only.

3D10877 Sizes, 3 to 12. Weight, 2 lbs. 8 oz. **\$8.50**

Special heights made to order. Furnished with soles and heels on special order. Prices on application.

ELKSKIN MOCCASINS

Recommended for snow-shoeing on dry snow. Made of soft smoke tanned elkskin, chamois color.

3D10839 Men's sizes, 6 to 12, 6 in. high, weight, 1 lb. 3 oz. **\$3.50**

3D10739 Women's sizes, 3 to 7, 6 inches high, weight, 14 oz. **3.25**

3D10887 Men's Elkskin moccasin, 10 inches high, with soles. Sizes 6 to 12. **4.25**

3D10787 Women's, same as above. Sizes 3 to 7. **4.00**

MECCOMOC SHOES

Made of chrome kip, which always dries out soft. Has horsehide outsoles, which are sewn on with two rows of stitching.

3D10869 Men's, 5 ins. high, sizes, 6 to 11, weight, 1 lb. 4 oz. **\$5.00**

3D10733 Women's, 5 inches high, sizes, 3 to 7. Weight, 17 oz. **\$5.00**

MECCOMOC OXFORD

Same material and construction as Meccomoc Shoe.

3D10881 Men's sizes, 6 to 11. **\$3.75**

3D10734 Women's sizes, 3 to 7. **3.50**

3D10735 Misses' sizes, 11 to 2. **3.00**

3D10736 Children's sizes, 7 to 10. **2.50**

TOBIQUE SINGLE BOTTOM MOCCASINS

Used extensively for still-hunting, trailing and canoe wear. The leather, oil-tanned calf. Made large enough to be worn over two or more pairs of woolen socks. Sizes, 5 to 12.

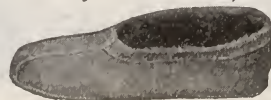
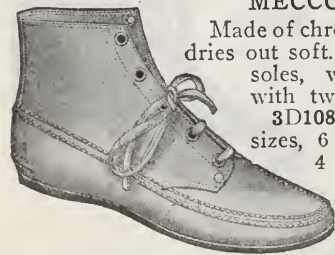
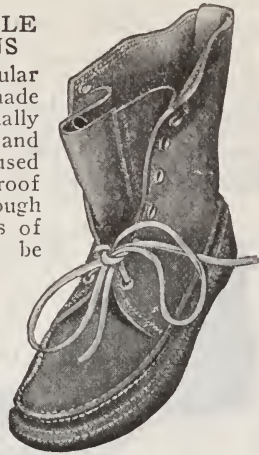
3D10843 8 inches high. Weight, 1 lb. 8 oz. **\$3.50**

3D10847 5 inches high. Weight, 1 lb. 6 oz. **3.00**

SHEEPSKIN SLIPPERS

Made with the natural fleece inside—horsehide soles—tops bound—an ideal slipper for use as a lining for rubber boots in extremely cold weather, but they are mostly used as cabin and bedroom slippers.

3D10883 Sizes, 3 to 12; weight, 8 oz. **\$1.00**



LEATHER TOP RUBBER SHOES

Specially adapted to still-hunting in bog, marsh, or snow—can be worn for snow-shoeing. Bottoms are of gum rubber. Tops of black leather. Men's sizes, 5 to 12; Women's, 4 to 7.

3D10853 Men's 10-in. spring heel, 2 lbs. 8 oz. **\$3.75**

3D10854 Men's 16-in. spring heel, 2 lbs. 12 oz. **\$4.75**

3D10855 Men's 10-inch with heel, 2 lbs. 15 oz. **\$4.00**

3D10756 Women's 10-inch spring heel, 2 lbs. 2 oz. **\$3.75**



HURON INDIAN MOCCASINS

Made from chrome tanned kip.

3D10870 Made in two widths, the narrow one is suitable to be worn over a thin sock and the wide one can be worn over heavy woolen socks. Sizes, 1 to 12 **\$2.25**



Same as above, made of a lighter weight leather. Wide width only. Sizes, 5 to 12. Weight, 11 ozs.

3D10848 **\$1.75**

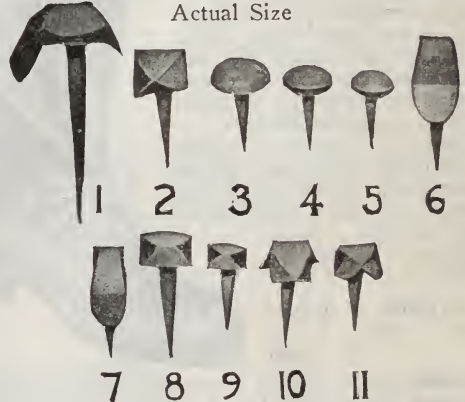
Same as the Huron Indian Moccasin but made of a much heavier weight leather.

3D10837 Men's sizes, 5 to 12. **\$2.50**

3D10737 Women's sizes, 3 to 7. **2.25**

IMPORTED SWISS HOBNAILS

Actual Size



Malleable iron, hand forged, regarded by Alpine guides as safest for mountain climbing. Styles 1, 6 and 7 are edging nails.

3D10938 Styles 3, 4, 5, 8, 9, 10, 11. Per doz. **\$.05**

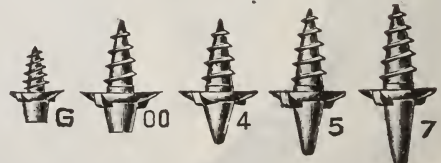
3D10939 Styles 2, 7. **.10**

3D10940 Style 6 **.15**

3D10941 Style 1 **.20**

3D10924—SCREW CALKS

Actual size illustrated



Made of steel, can be quickly placed in shoes by a simple tool, which screws them in or out as desired.

Price, per box of 50, including tool wrench. **\$.50**

Price, per dozen, without wrench. **.15**

3D10929 Golf set. Size G. or 00.24 and wrench **.30**

WOMEN'S HUNTING BOOTS

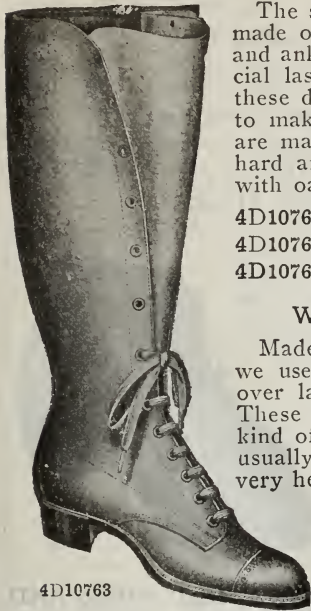
The shoes usually sold for women's sporting wear are made on boys' lasts and are too wide in the shank, heel and ankle, and flat over the arch—ours are made on special lasts and are very carefully modeled to overcome these defects. They are as waterproof as it is possible to make a leather shoe. The leather from which they are made is the most durable known, and will not dry hard after repeated wettings. Made of brown calfskin with oak soles. Sizes, 2 to 7. Widths, A to E.

- 4D10761 8 inches high; weight, 1 lb. 13 oz....**Ⓔ** \$8.50
- 4D10762 12 inches high; weight, 1 lb. 15 oz....**Ⓔ** 11.00
- 4D10763 16 inches high; weight, 2 lbs. 8 oz....**Ⓔ** 12.50

WOMEN'S SPECIAL HUNTING BOOTS

Made of a drab-colored chrome tanned kid (same as we use in our men's hunting boots); they are made over lasts which are good and roomy at the toes. These boots are particularly adapted for the hardest kind of wear. They are not heavy and they are unusually comfortable—made with low, broad heels and very heavy soles.

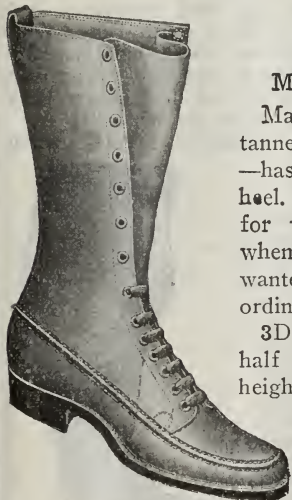
- 4D10764 10 inches high, weight, 2 lbs. 8 oz.....**Ⓔ** \$11.00
- 4D10760 16 inches high, weight, 2 lbs. 12 oz.....**Ⓔ** \$13.00



4D10763



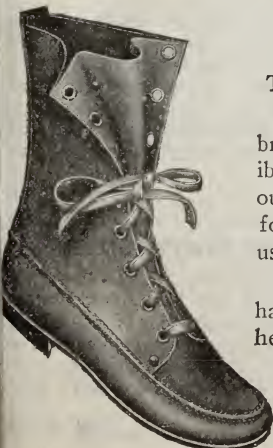
4D10760



WOMEN'S MOCCASIN BOOT

Made of soft, smoke tanned, grey chrome leather—has a single sole and low heel. This shoe is designed for women's hunting wear, when more protection is wanted than is given in the ordinary moccasin.

- 3D10794 Sizes 3 to 7, no half sizes; one width only; height, 11½ ins.; weight, 32 ounces. ...**Ⓔ** \$9.00



WOMEN'S OIL TANNED MOCCASIN

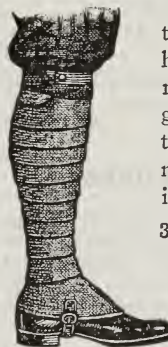
Made of light weight brown, oil tanned, a flexible sewed sole, has a low outside heel; is designed for canoe and light trail use.

- 3D10774 Sizes, 3 to 7, no half sizes; one width only; height 8½-inch; weight, 28 oz.**Ⓔ** \$5.50

SWISS SPIRAL PUTTEES

A very popular leg covering, extensively worn for tramping or for hunting. The spiral puttee winds round and round the leg like a surgeon's bandage, exactly long enough to cover the leg and woven to shape, making a most comfortable and satisfactory leg covering.

- 3D7727 **Ⓔ** \$2.25



- Fox spiral English puttee made of camel's hair cloth. Price**Ⓔ** \$3.50



MEN'S LEATHER PUTTEE LEGGINS

Cut from right and left patterns and fit low under inside of knee. They are all hand shaped and finished over improved forms. This is a very superior and perfect-fitting riding leggin.

Sizes (calf measure) 12 to 18 inches.

- 4D10871 Mae of tan or black cowhide, weight, 1 lb. 8 oz. **Ⓔ** \$6.00
- 4D10872 Made of tan English pigskin, weight, 1 lb. 9 oz. **Ⓔ** \$8.50

ARMY STYLE PUTTEE LEGGINS

Made same as above except the fastening method. The top is fastened by a staple fastening which makes it absolutely secure and the bottom is fastened by a strap which is sewed to the middle of the leggin and turns around the leggin once, and is adjusted to a buckle on the bottom. Sizes, 12 to 18 calf measure.

- 4D10873 Made of tan English pigskin, weight, 1 lb. 9 oz..... **Ⓔ** \$8.50

"SNAKE-PROOF" LEGGINS



We guarantee this leggin to be perfectly snake-proof. Made of heavy Pantasote double duck with a lining of khaki, and an interlining of specially woven wire cloth. All seams and edges bound with soft waterproof leather. Made to order only in two styles. When ordering give size of ankle and calf and specify style.

- 3D10901 Comes just below knee. Weight, per pair, 34 ozs...**⌘ \$8.50**
- 3D10902 With stiff knee protector. Weight, per pair, 38 ozs.**⌘ \$12.00**

CANVAS LEGGINS

Same style as cut shown above. Made of a fine quality of canvas khaki shade.

- 3D10907 Weight, 12½ ozs..... **⌘ \$1.00**

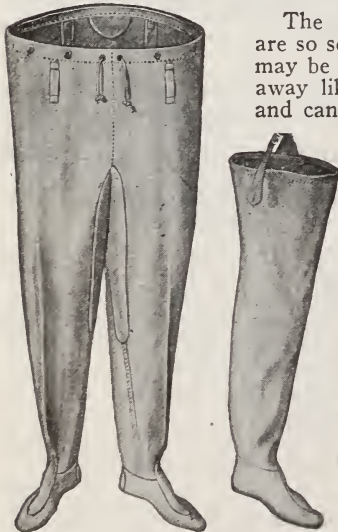
PUTTEE LEGGINS



As adopted by the U. S. Army for regular service. Made of heavy canvas, shaped to fit the leg, and fastened with spiral puttee-strap, also of canvas, patent buckle at knee. An excellent leggin for rough wear and hard service. Reinforced with steel stays and keeps in shape.

- 3D10903 Length, 11 inches. Weight, 16 oz.....**⌘ \$1.50**
- 3D10904 Same as above but made of lighter weight canvas. Weight, 11 oz.**⌘ \$1.00**

ENGLISH FISHING WADERS



The light-weight styles are so soft and flexible they may be rolled up and tucked away like a piece of cloth, and can be worn under the trousers, if desired, to avoid friction on the waders. The heavy waders are made for service, and the cloth facing with which they are made is one of the most durable fabrics known. Waders made with stocking feet are for wear with regular wading shoes.

- 3D10912 "Fairy" light wading stockings. Weight, 15 ozs.....**⌘ \$10.00**
- 3D10913 "Fairy" light wading trousers...**⌘ 15.00**
- 3D10914 "Service" heavy wading stockings. Weight, 23 ozs.....**⌘ 15.00**
- 3D10915 "Service" heavy wading trousers.**⌘ 22.00**
- 3D10916 Repair kits for mending waders, containing rubber cement and piece of same material.....**⌘ 1.00**

Be sure to give calf measure when ordering puttees and leggins

AMERICAN WADERS

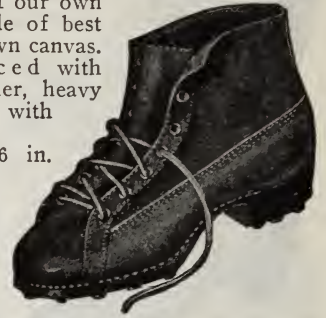
Best American make. Mackintosh finish.

With Stocking Feet

- 3D10917 Stockings. Weight, 2½ lbs.....**⌘ \$8.00**
 - 3D10918 Trousers. Weight, 4¾ lbs.....**⌘ 12.00**
- With Rubber Boot Feet**
- 3D10919 Stockings. Weight, 5 lbs.....**⌘ \$10.00**
 - 3D10920 Trousers. Weight, 6¾ lbs.....**⌘ 14.00**

WADING SHOES

For use in combination with the regular fishing waders. They are of our own special design. Made of best quality of heavy brown canvas. Strongly reinforced with chrome tanned leather, heavy oak soles, studded with imported hobnails.



- 3D10841 Men's, 6 in. high; sizes, 5 to 12; weight, 3 lbs. 3 ozs.**⌘ \$5.50**
- 3D10841½ Women's, 6 inches high; sizes 4 to 8; weight, 2¾ lbs....**⌘ \$5.50**

WADING SHOES WITH FELT SOLES AND HEELS

Made same as above, but with felt soles and heels. The felt clings to rocks much better than leather, and it also wears very well. This is really a very practical model, and is getting very popular with the fisherman. It is a great deal lighter than the shoe with the leather soles and hobnails.

- 3D10963½ Sizes 5 to 12. Weight, 2½ lbs.**⌘ \$6.00**

RUBBER BOOTS

It is the best sportsman's model on the market. Has a good strong sole, medium weight foot and ankle, and very light, elastic tops. The foot part of the boot is cut amply full, so that two pairs of woolen socks can be worn.

- 3D10838 Men's hip boots. Sizes, 6 to 12. Weight, 4 lbs.**⌘ \$7.50**
- 3D10738 Women's thigh boots. Sizes, 3 to 7. Weight, 3 lbs.....**⌘ \$5.50**



B-VER OIL

We recommend this as the best oil made for use on boots and shoes. It soaks into the leather and fills up the pores, keeping the leather soft. It prolongs the life of leather and is more water-repellant than any other oil made. To make boots waterproof it should be used in connection with Touradif boot grease, described below, which is a surface dressing.

- 3D10931 4 oz. can.....**⌘ \$.30**
- 3D10932 8 oz. can.....**⌘ .50**

"TOURADIF" INDIAN BOOT GREASE

This is a heavy, plastic grease, and is the very best dressing on the market for the quick waterproofing of shoes and moccasins. It is especially desirable for use with moccasins, shoe packs, etc., as its thick body helps to fill up seams, stitches, etc. Put up in specially stamped friction-top tins containing 4½ ozs.

- 3D10934.....**⌘ \$.15**

	PAGE		PAGE		PAGE
Air Cushions	18	Candles	22	Fishing Squids	124
Air Mattresses	17	Candles, Electric	23	Fishing Tackle Repairs	85
Air Pillows	17	Candle Lanterns	23	Fishing Tackle Trunk	117
Air Rifles	70	Candlestick—Army	23	Flasks, Pocket	49
Alarm Watches	50	Cannon Saluting	70	Flies, Fishing	112-114
Alcohol Stoves	27	Canoes	53	Flint and Steel Lighters	50
Alforjas	46	Canoe Cruising	4	Floats for Fishing	137
Alpine Stocks	47	Canoe Enamels	53	Floatum Fly Oil	113
Aluminol Cooking Outfits	29, 30	Canoe, Knife	25	Fly Books—Boxes	115-118
Aluminum Folding Bakers	32	Canoe Yoke	53	Fly Dope	141
Ammunition Bags	47	Cans, Friction Top	33	Fly Oil—Dry Flies	113
Anglers' Repair Kit	140	Canteens	47	Food Bags	45
Anglers' Tools—Sundries	140	Caps, Men's	148	Foot Warmers	49
Army Bread	41	Carryall	45	Foot Warmers, Fuel	49
Artificial Insects	126-132	Carry-all Bed	18	Forceps—Gut Cutters	140
Automobile Camping	4	Cartridge Belts	68, 79	Forest Cruising	4
Automobile Lunch Kits	34-35	Cartridge Loops	79	Forks	30-31
Automobile Refrigerators	36	Cartridges, Rifle	76, 77, 78	Frog Carrier	137
Automobile Tea Baskets	34	Cases, Gun	68	Fruits, Evaporated	41
Automobile Tents	9	Case, Mills Despatch	79		
Awl, Lock Stitch	47	Cases, Rifle	68	Gaff Hooks—Fishing	133
Axes	24, 47	Cases—for Rods	97	Game Bags—Fishing	136
Axe Sheaths	25	Cases, Shell	79	Game Calls	82
Axe Stone	24	Casting Plugs	119	Game Carriers	80
		Cement for Rods, etc.	95	Gangs	121-124
Bags, Ammunition	47	Chain Lock	41	Girls' Khaki Suit	154
Bags, Duffle	41, 45	Chairs, Folding	28	Gloves, Fishing	141
Bags, for Fish	139	Chamber Rubber	21	Gloves, Men's	149
Bags, Fish and Game	136	Cheesecloth Tent Linings	13	Gloves, Women's	155
Bags, Food	45	Chumming Machine	135	Goggles	49
Bags, Leather, for Reels	103	Clay Bird Traps	66	Graphite for Fish Lines	106
Bags, Sleeping	15, 16	Clay Pigeons	66	Grasshopper Nets	139
Bait Boxes	123	Cleaners and Cleaning Rods	80, 81	Grates	28
Bait Pails	137, 138	Cloths	14, 46	Grease, Boot, Touradif	160
Bakers, Aluminum Folding	32	Coats, Proofed, Women	152	Grease, Gun	81
Barometers	48	Coffee—Concentrated	41	Ground Cloths	13
Barrel Reflector	70	Color Preservative	95	Guides for Fishing Rods	96
Basins, Collapsible Wash	21	Combination Lock	47	Gun Club Supplies	79
Basin and Tub Combination	21	Compasses	48	Gun Grease	81
Baskets, Auto Lunch and Tea	34, 35	Cooking Outfits	29, 30, 31, 32	Gun Oil	81
Baskets, Fish—Lunch	136, 137, 141	Cooking Outfit Cases	30	Gun Shell Extractors	70, 76
Baskets, Pack	44	Cooking Receipts	37, 38, 39, 40, 41	Gut	111
Baskets, Pack and Fishing	141	Corkscrew—Folded Pocket	51	Gut Ends or Tippetts	111
Bath Tubs, Folding	21	Cots, Folding	19		
Bathing Caps, Women	155	Crampoms	47	Hand Protectors	80
Bathing Slippers	155	Cups	31, 32, 47	Hand Traps	66
Bathing Suits, Women	155	Cushions, Air	17	Hand Warmers	49
Batteries, Electric Light	23			Harpoons	133
Beds	18, 19	Dart's Air Rifle	70	Hatchets	24
Bed Warmers	50	Decoys, Crow	64	Hats, Men's	148
Beef Cubes	41	Decoys, Duck and Snipe	82	Hats, Women's	155
Belts	47	Devil Fish Lance	133	Head Nets	141
Belt Axes	25	Dog Crate	63	Helmets, Men's	148
Belts, Cartridge	68, 79	Dog Whistles	76	Hob Nails	158
Belt, Fishermen's Carryall	139	Dogskin Coat—Women	151	Holsters, Pistol	69
Belts, Women	154	Dogskin Garments	146	Hook Book	115
Binooculars, Fitch Prism	50	Dogs for Lines	103	Hook Disgorgers	122
Bird Traps	84	Dressing—Line	106, 107	Hooks—For Fishing	120-124
Black Fly Head Nets	141	Dry Fly Bottle	113	Hook Releaser	136
Black Fly Lotion	141	Dry Fly Vaporizer	113	Hooks—Shapes of	120
Blankets	17, 20	Dryers, Fishing Line	106	Hook Stones	122
Blanket Pins	19	Duffle Bags	44, 45	Hooks, Weedless, etc.	124
Bloomers, Women	154	Dutch Ovens	33	Hot Water Bottle	18
Books—Camp Cookery	36			Hot Water Plate	33
Books—Camping and Woodcraft	36	Ear Protector, Elliott's	66	Hunting Boots	156, 157
Books for Flies—Hooks	115, 116	Egg Powder	41	Hunting Boots, Women's	159
Books, Hunting	156, 157	Electric Candles	23	Hunting Breeches, Women's	154
Books for Tackle	116	Electric Flash Lights	23	Hunting Coats	142, 144
Books—Weather	49	Electric Light Batteries	23	Hunting Horns	70
Boots, Rubber	160	Electric Light Bulbs	23	Hunting Knives	26
Bottle—for Fly Oil	113	Enamelled Ware	31		
Bowie Knives	25			Ice Axes	47
Bowls	30, 31	Files	140	Insects for Fishing	126
Boxes—for Bait—Insects	123	Filters	47		
Boxes—Fishing Tackle	116, 117, 118	Finger Hooks and Reel Lock	140	Kerosene Lanterns	22
Boxes for Flies	115, 116	Fish Bags	139	Kerosene Stoves	28
Boxes—Leader	110, 111	Fish Chumming Machine	135	Khaki Suit—Girls'	154
Boxes for Minnows	118	Fish and Game Bags	136	Kit Knives	26
Boxes for Spinners	118	Fish Knife	140	Knickerbockers—Women	153
Boy Scout Axe	22	Fish Lance	133	Knife and Pork Combinations	32
Boy Scout Cooking Outfits	22	Fish and Lunch Refrigerette	139	Knives	25, 32
Breeches, Riding and Hunting	154	Fish Nets	134, 135	Knots—Fishing	109
Broilers—Revolving	28	Fish Scalder	141	Knots—Line and Leader	109
Broilers—Wire	28	Fish Scales—Weighing	95	Kyacks	46
Brush Knives	25	Fish Spears	133		
Brushes, Varnish	95	Fish Stringers	139	Landing Nets—Fishing	134, 135
Buckets, Canoe and Auto	21	Fisherman's Carryall Belt	139	Lanterns	22, 23
Buckets, Collapsible Water	21	Fishing Bait	132	Lariats	46
Butt Rests for Rods	90, 94, 141	Fishing Baskets, Creels	136, 137, 141	Lead Sinkers—Fishing	119
Butterfly Carrier or Vasculum	139	Fishing Coat	143, 146	Leader Case—Boxes	110-111
Butterfly Net	139	Fishing Flies	112, 114	Leaders or Casts	110, 111
		Fishing Floats	136	Leather Shirt	151
Cake Turner	31	Fishing Gaffs	133	Leggins	159, 160
Calls, Crow	82	Fishing Gloves	141	Leggins, Snakeproof	160
Calls, Duck	82	Fishing Lines	104, 108	Life Belts	47
Calls, Snipe	82	Fishing and Pack Basket	141	Life Preserver, Rubber	53
Calls, Turkey	82	Fishing Records	139	Life Saving Garments	147
Camp Rolls	18	Fishing Reels	97-103, 108	Lighters, Flint and Steel	50
Camp Stoves	27	Fishing Rods	85-95	Line Dressing	106, 107
Camping, General	3	Fishing Shirts	147	Line Dryers	106

	PAGE		PAGE		PAGE
Lines, Fishing	104-109	Reel Drags	103	Steamer Bags	20
Line Greasers	106	Reel Oil	140	Steamer Roll, Shattuck	19
Line and Leader Knots	109	Reel Thumb Brakes	103	Steel Fishing Rods	93, 94
Line Reels	108	Reflector Barrel	70	Stockings, Men's	145, 149
Line Releaser	136	Refrigerette for Lunch and Fish	139	Stockings, Women's	155
Locks, Duffle Bag and Chain	46	Repair Kit—Fishermen's	140	Stools, Folding	19, 20
Lock Stitch Awl	47	Revolvers	73, 74, 75, 76	Stoves	27, 28
Loops, Cartridge	79	Revolver Cleaners	80	Stove Pipe Ring, Asbestos	14
Lunch, Fish or Refrigerette	139	Riding Breeches—Men	143, 144	Stretcher Beds	19, 20
Lunch Kits, Automobile	34-35	Riding Breeches—Women	154	Stringers, Fish	139
		Riding Habit—Children	151	Sweaters, Men's	145
Machetes	25	Riding Habit—Women	151	Sweaters, Women's	155
Mackinaw Coats—Children's	152	Rifles	54-60	Swimming Suits, Women's	155
Mackinaw Coats—Men's	145	Rifles, Air	70	Swivels, Links, etc.	125
Mackinaw Trousers	145	Rifle, Boy Scout	66		
Mattresses, Air	17	Rifle Cartridges	77, 78	Tables, Folding Camp	20
Meat Safe, Collapsible	33	Rifle Cleaners	80	Table, Rolling Top	20
Medicine Cases	50	Rifle Sights	71, 72	Tackle Books	116
Mess Kits	32	Rod Cases—Trunks	97	Tackle Boxes	117, 118
Middy Blouses	154	Rod, Cement	95	Targets, Paper	70
Military Supplies	70	Rods, Fishing	85-95	Tea Tablets	41
Milk, Evaporated	41	Rod Grips	92	Tents	6, 13
Milk Powder	41	Rod Guides	96	Tents, "A"	8
Minnow or Bait Pails	137, 138	Rod Harness	94	Tents, Amazon	7
Minnow Nets	134, 135	Rod Holders	94	Tents, Automobile	9
Minnow Pails	134-138	Rod Mountings	95, 96	Tents, Baker	7
Minnows, Spinners, etc.	126, 132	Rod Rests	90, 94, 141	Tents, Canoe	9, 12
Minnow Traps—Seines	137	Rod Tops	95	Tent Door	13
Mirror	51	Rods, Various Types	86-95	Tent Flies	6
Mittens, Men's	149	Rod Varnish	95	Tents, Foresters'	10
Moccasin Shoes	157, 158	Rope	12, 47	Tents, Hudson Bay	10
Money Belts	48	Rubber Boots	160	Tents, Leanto	10
Mops, Dish	31	Rubber Drinking Cup	48	Tents, Mastigouche Trappers	8
Mosquito Bars	20	Rubber Life Preserver	53	Tent Material and Construc.	5, 12
Mosquito Dope and Nets	141	Rubber Shoes, Leather Top	158	Tents, Miners'	11
Mosquito Foe	141	Rubber Wash Basins	21	Tents, Ratliffe	11
Mosquito Proof Bobb, Fronts	12	Ruck Sack	43	Tents, Tooman	11
Mountings—Fish rods	95, 96			Tent Slides, Metal	13
Muzzle Protectors	81	Saddle Bags	46	Tent Stoves	27
		Saddles, Pack	46	Tents, Tarpaulin	10
Nets—Fish	134, 135	Salmon Fly Cases	116	Tents, Toilet	12
Nets, Grasshopper or Butterfly	139	Salt Shaker, Wood	33	Tents, Wall	6
Nets, Head	141	Scaler, Fish	141	Tent Windows	13
		Scales, Weighing Fish	23, 95	Thermos Bottle	23
Oil, B-Ver	160	Screwdrivers	140	Thumb Brakes for Reels	103
Oil to float flies	113	Seats, Sportsman's	80	Thumb Harness and Protectors	108
Oil, Gun	81	Seines, Minnow	135	Tins, Friction Top	33
Oil for reels, etc.	140	Sharpening Stones	24	Tip Tops for Rods	95
Oiler—Non-leaking	140	Sheaths, Axe	24	Tippets or Gut Ends	111
Oilskins	147	Sheaths, Machete	25	Tool Kits	27
Oilskins, Women	152	Sheepskin Garments	146	Tools, Anglers'	140
One Drop Oiler	140	Shell Cases	79	Tournament Casting Plugs	119
Outing Suits, Women	151-152	Shell Extractors, Marble	70-76	Tramping	4
		Shell Pocket, Trapshooters'	79	Traps	66, 84
Pack Baskets	44	Shells, Shotgun	78	Trap Clamps	84
Pack Cloths	45	Shelves, Folding	20	Traps, Clay Bird	66
Pack Harness	42	Shirts, Men's	148	Traps, Fish	137
Pack Saddle	46	Shirts, Women's	153	Traps, Rifle Ball	66
Pack Strap	44	Shooting Goggles	49	Trapshooters' Coat	142
Packs	42, 43, 44	Shooting Suit, Women's	152	Trolling and Casting Baits	126, 132
Paddles	53	Shotguns	61, 62, 63, 64, 65, 66, 67	Trunks—Fishing Tackle	117
Panniers, Fibre	45	Shotgun Cleaners	80	Trunks for Rods	97
Pans	30	Shotgun Shells	78	Tump Lines	43
Pedometer	50	Shovel	24	Tweezers	140
Pemmican	41	Sights, Rifle	71, 72		
Pepper Mills	33	Silk Color Preservative	95	Valise Pack	44
Percolator Camp Coffee	32	Silkworm Gut	111	Vaporizer for Flies	113
Pickeral Traps	139	Sinkers, Fishing	119	Varnish Rods	95
Pigeons, Clay	66	Skates, Ice	52	Vasculum	139
Pillows	18, 20	Skis	51	Vegetables, Evaporated	41
Pillow Covers	19				
Pins, Blanket	19	Ski Bob	52	Waders, Fishing	160
Pistols	67, 76	Ski Bindings	51	Wall Pocket, Khaki	21
Pistol Cartridges	78	Ski Moccasin	51	Warmers	49
Pistol Holsters	69	Ski Poles	51	Wash Stands	22
Plates	30, 31, 34	Ski Wax	51	Watches	50
Pliers	140	Skinning Knives	25	Waterproof Match Box	22
Pocket Knives	26	Skinning Sets	25	Weedless Hooks, etc.	124
Pocket Kook Kit	32	Skirts, Women's	153	Whistles	76
Pockets for Trout Baskets	137	Sleeping Bags, Fitch	15	Winding Silk for Rods	95
Poker Set, Traveling	50	Sleeping Bags, Johnson	16	Windows, Tent	14
Ponchos	147	Sleeping Bags, Kenwood	16	Wire for Leaders	111
Pork Bags	46	Sleeping Bags, Knitted	16	Wood Minnows	126, 132
Pork Rind Bait	132	Sleeping Bags, Pussyfoot	16	Women's Bathing Suits	155
Pots, Cooking	30, 31	Sleeping Pockets	16	Women's Belts	153
Pot Holders, Asbestos	31	Sleeping Suits	15	Women's Bloomers	154
Pot Hooks	28	Slippers, Sheepskin	153	Women's Boots	159
Powder Solvent	81	Slugs, Air Rifle	70	Women's Knickerbockers	153
Preston Mess Kit	32	Snakeproof Leggings	160	Women's Moccasins	159
Pumps, Air Mattress	18	Snow Goggles	50	Women's Olskins	152
Puttees, Spiral	159	Snow Shoes	51	Women's Shirts	153
Puttees, Waterproof	159	Socks, Men's	145, 149	Women's Shooting Suits	152
		Socks, Women's	153	Women's Socks	153
Quilts	19	Solvent Powder	81	Women's Stockings	153
		Soups	41	Women's Sweaters	155
Raincoats, Children's	154	Spears, Fish	133	Women's Swimming Suits	155
Recoil Pads	71	Spinners Spoons	124, 126, 132	Wrist Watches	50
Records—Fishing	139	Spoons	31, 32		
Reel Boxes	103	Squids, Fishing	124	Yacht Stoves	27, 28

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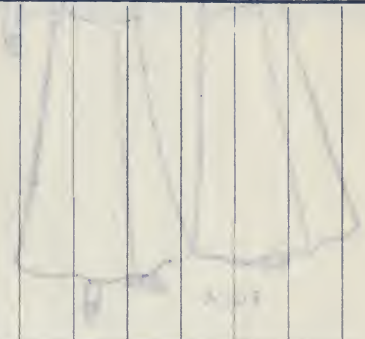
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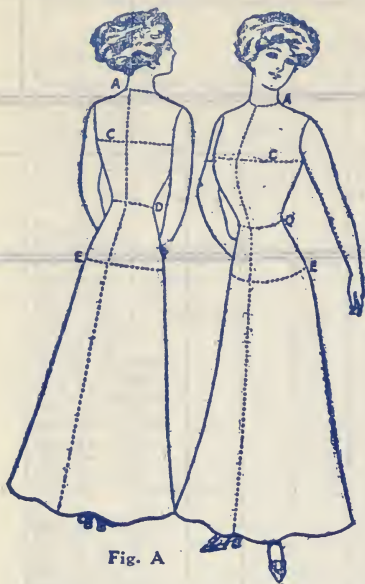


Fig. A



Fig. B



Fig. C

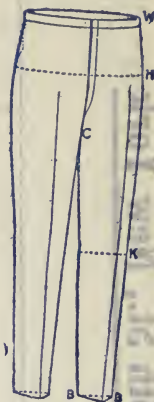


Fig. D

In these diagrams we have shown exactly where the tape measure should be placed to get good fit. If the measurements are taken in the wrong place they will mislead us and the size we send will be a disappointment. Always take measurements over the clothes that will be worn underneath the garments you are ordering.

WOMEN'S COATS—Fig. A

Around Bust at C entirely around body over the fullest part and well up under the arms .....	.....
Around Waist at D.....	.....
Around Hips at E.....	.....
Length in back (full length) from neck seam to length desired .....	.....
Length of sleeve—along inside seam of sleeve from armhole to end of sleeve.....	.....

SKIRTS—Fig. A

Around Waist at D.....	.....
Around Hips at E.....	.....
Length in front (from waistline down the front to length desired). Length in back from waist line to length desired..	.....

WOMEN'S VESTS AND SWEATERS—Fig. A

Around Bust at C.....	.....
Around Waist at D.....	.....

WOMEN'S OVERCOATS OR RAINCOATS—Fig. A

Take Measure Over a Coat

Around Bust close under the arms at C.....	.....
Around Waist at D.....	.....
Length of sleeve along inside seam of sleeve from armhole to end of sleeve.....	.....

MEN'S AND WOMEN'S KNICKERBOCKERS—Fig. D

Outseam from W to smallest part below Knee Cap at K.....	.....
Inseam from C to K.....	.....
Around Waist at W.....	.....
Around Hips at H.....	.....
Around smallest part below Knee Cap at K.....	.....
Around Calf at largest part..	.....

BLOOMERS

Take the measures the same as for Knickerbockers.

MEN'S AND WOMEN'S RIDING BREECHES—Fig. D

Outseam from W to smallest part below Knee Cap at K..	.....
Inseam from C to K.....	.....
Around Waist at W.....	.....
Around Hips at H.....	.....
Around smallest part below Knee Cap at K.....	.....
Around Calf at largest part.	.....
Around Ankle 6 inches below Calf measure .....	.....

Samples of any of our materials for men, women, or children, gladly sent on request

MEN'S COATS—Fig. C

Take measure over vest

Around Chest close under the arms at "C".....	.....
Around Waist at "W".....	.....
Length of Coat from A to G .....	.....
Length of Sleeve from D to E to S.....	.....

LONG PANTS—Fig. D

Inseam from C to B.....	.....
Outseam from W to B.....	.....
Around Hips at H.....	.....
Around Waist at W.....	.....

MEN'S VESTS AND SWEATERS—Fig. B

Take measure over Shirt

Length from A over shoulder to bottom of vest in front .....	.....
Around Chest at C.....	.....
Around Waist at W.....	.....

MEN'S OVERCOATS, ULSTERS AND RAINCOATS—Fig. C

Take measure over Coat

Around Chest close under the arms at "C".....	.....
Around Waist at "W".....	.....
Length of Sleeve from D to E to S.....	.....

CAPE—Fig. A

Around Bust at C.....	.....
Around Hips at E.....	.....
Length from "A" down center of back to total length desired.....

LEGGINS—Calf measurements taken over clothing worn with leggins.....

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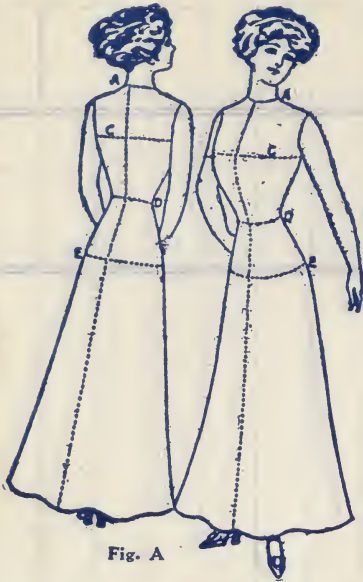


Fig. A



Fig. B

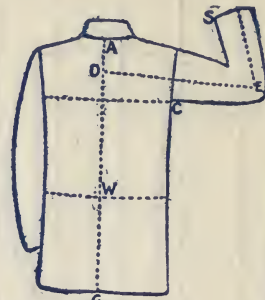


Fig. C

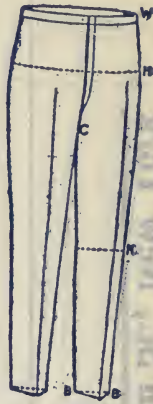


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WOMEN'S VESTS AND SWEATERS—Fig. A

Around Bust at C.....
Around Waist at D.....

WOMEN'S OVERCOATS OR RAINCOATS—Fig. A Take Measure Over a Coat

Around Bust close under the arms at C.....	.....
Around Waist at D.....	.....
Length of sleeve along inside seam of sleeve from armhole to end of sleeve.....	.....

MEN'S AND WOMEN'S KNICKERBOCKERS—Fig. D

Outseam from W to smallest part below Knee Cap at K	Inseam from C to K.....	.....
Around Waist at W.....	.....	.....
Around Hips at H.....	.....	.....
Around smallest part below Knee Cap at K.....	.....	.....
Around Calf at largest part..	.....	.....

BLOOMERS

Take the measures the same as for Knickerbockers.

MEN'S AND WOMEN'S RIDING BREECHES—Fig. D

Outseam from W to smallest part below Knee Cap at K.....	Inseam from C to K.....	.....
Around Waist at W.....	.....	.....
Around Hips at H.....	.....	.....
Around smallest part below Knee Cap at K.....	.....	.....
Around Calf at largest part.....	.....	.....
Around Ankle 6 inches below Calf measure .....	.....	.....

Samples of any of our materials for men, women, or children, gladly sent on request

MEN'S COATS—Fig. C Take measure over vest

Around Chest close under the arms at "C".....	.....
Around Waist at "W".....	.....
Length of Coat from A to G.....	.....
Length of Sleeve from D to E to S.....	.....

LONG PANTS—Fig. D

Inseam from C to B.....	.....
Outseam from W to B.....	.....
Around Hips at H.....	.....
Around Waist at W.....	.....

MEN'S VESTS AND SWEATERS—Fig. B

Take measure over Shirt

Length from A over shoulder to bottom of vest in front .....	.....
Around Chest at C.....	.....
Around Waist at W.....	.....

MEN'S OVERCOATS, ULSTERS AND RAINCOATS—Fig. C

Take measure over Coat

Around Chest close under the arms at "C".....	.....
Around Waist at "W".....	.....
Length of Sleeve from D to E to S.....	.....

CAPE—Fig. A

Around Bust at C.....	.....
Around Hips at E.....
Length from "A" down center of back to total length desired.....

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You can send money by Post Office Money Order, Express Money Order, Bank Draft, or Cash by Registered Mail.

C. O. D. Shipments

We will ship goods C. O. D. when desired, but you will find it a most inconvenient method. Nearly all our customers, who formerly bought C. O. D., now send cash in full with their orders, knowing that we guarantee the goods, will make them right if anything is wrong and will accept their return if they are not exactly what is wanted. Sending payment in full saves the annoyance of going to the bank or an express office to pay the balance due on shipment and also saves the cost of returning the money to us. Still, if for any reason you prefer to see and examine goods before paying for them in full, we will make shipments upon receipt of sufficient deposit to pay express charges both ways.

We do not prepay charges on goods ordered C. O. D.

Freight Shipments

Freight is the preferable method of shipping all heavy or bulky merchandise. If you have no freight agent at your shipping point, the freight charges must be prepaid from here and if you do not know what these freight charges will amount to, be sure to send enough money extra to cover them.

Throughout our catalog weights are quite universally specified and by making application

through the railroad you can get the freight rate.

In estimating freight charges it is well to make a fair allowance for packing box. If you send more money than is necessary we will at once return the balance.

If you have an agent at your station it is not necessary to prepay the freight charges. In fact it is better not to have them prepaid. The charges are exactly the same no matter whether you pay them or we pay them.

Safe Delivery Guaranteed

We guarantee everything we ship to reach you in perfect condition. If you ever receive any package from us in a damaged condition, have your freight or express agent make a notation of the damage on the face of the receipt he gives you when you pay the charges. An express agent will give you such a receipt upon request. Send this receipt to us, describing the damaged matter, and we will make it right.

Methods of Shipment

If you do not specify how goods are to be shipped, but leave the shipping of your order to our judgment, we will, in all cases, use the method that will cost the least money. Throughout our catalog we have specified many goods that will be shipped free anywhere in the United States. These are principally goods that can be shipped by Parcels Post, but we reserve the right on our free delivery offer to ship by the most economical method.

How to Return Goods

If you ever find it necessary to return goods to us for any reason, first write us, telling what the trouble is and we will advise you how to send the goods back. Be sure to address the package, box or tag plainly, and also be sure to write your name and address plainly on the package, box or tag, so that we will know who the sender is.

Do not seal a mail package. Wrap it in such a manner that the Postmaster can open it and examine without disturbing the wrapper. Do not make the mistake of pasting stamps over the string of a package of merchandise that you are sending by mail, because that is the same as sealing it and will cost you double postage. Do not fail to register mail packages worth \$2.00 or more. A package can be registered for 10c., and if it does not reach us promptly it can be traced.

Read our Free Delivery Offers and how we GUARANTEE your satisfaction
(See first page of this catalogue)

ABERCROMBIE & FITCH CO., 53-55-57 West 36th St., New York

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OUTFITTING CATALOGUE



SPECIAL SPORTING SUBJECTS

are completely covered in separate pamphlets issued at seasonable times by the **ABERCROMBIE & FITCH CO.**, which will be mailed to you free on request. These include booklets on **GOLF, TENNIS,** and other outdoor games, **AUTOMOBILE TOURING** and **CAMPING, KENNEL REQUISITES,** etc., etc. Write for the pamphlets in which you are interested.

ABERCROMBIE & FITCH CO.
THE GREATEST SPORTING GOODS STORE IN THE WORLD
53-55-57 WEST 36TH STREET, NEW YORK